AMC

LCV & HEAVY DUTY

2026

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Código 57652026V1

CULATAS DE MOTOR
CYLINDER HEADS
CULASSE
ZYLINDERKOPF

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909477	MAN	67				
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909501	MERCEDES	95				
909502	FREIGHTLINER	44	MERCEDES	95		
909510	FENDT	34	MAN	66		
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909533	SCANIA	133				
909534	SCANIA	134				
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909541	RENAULT	131	VOLVO	154		
909542	RENAULT	132	VOLVO	155		
909543	RENAULT	132	VOLVO	155		
909544	RENAULT	132	VOLVO	155		
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909577	MAN	67				

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909777	MAN	72				
909870	MAN	76				
909878	MAN	79				
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909978	MAN	79				
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939870	MAN	77				
939878	MAN	80				
939970	MAN	77				
939978	MAN	80				
949270	MAN	78				
949370	MAN	78				

NOTA

- Todos nuestros productos tienen una garantía contra culaquier defecto de fabricación de 36 meses en el caso de LCV y Passenger Cars y de 12 meses en el caso de Heavy Duty.
- No aceptamos ninguna reclamación cometida por error en la redacción de nuestro catálogo.
- Nos reservamos el derecho de proceder con modificaciones técnicas sin previo aviso.

NOTE

- All our products have a 36 months guarantee on LCV and Passenger Cars and a 12 months guarantee on Heavy Duty against any production fault.
- We cannot accept any claims for errors in this catalogue which may have been made inadvertently.
- We reserve all rights to make tecnical changes.

NOTICE

- Tous nos produits ont une garantie contre tout défaut de fabrication de 36 mois pour les VL et de 12 mois pour les PL.
- Nous ne serons pas responsables des conséquences des erreurs.
- Nous reservons tous les droits de proceder à des modifications techniques sans preavis.

ANMERKUNG

- Alle unsere Produkte haben 36 Monate Garantie gegen Produktionsfehler auf Pkw und Nfz und 12 Monate auf LKW.
- Ersatzansprüche aufgrund von fehlerhaften Angaben aus diesem Katalog werden nicht anerkannt
- Technische Änderungen vorbehalten.

IMPORTANTE

- Para un mismo tipo de motor, las culatas MAN pueden montar distintos componentes en función del VIN del vehículo (válvulas, muelles, retén de válvulas,...).
- Es responsabilidad del cliente asegurarse de los componentes que necesita y comprobar que la culata AMC montada pedida coincide plenamente con la culata que se necesita para reparar el motor.

IMPORTANT

- For a same engine code, MAN cylinder heads can be assembled with different components depending on the vehicle VIN (valves, springs, valve retainers...).
- It is responsibility of the customer to be sure about the components needed, and to check that the AMC assembled cylinder head fully matches the cylinder head needed to repair the engine.

IMPORTANT

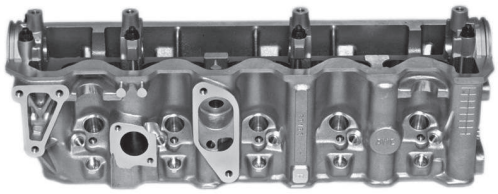
- Pour un même type de moteur,les culasses MAN peuvent être montées avec différents composants en fonction du Vin du véhicule (soupapes ,ressorts,....).
- Il est de la responsabilité du client de s’assurer à propos des composants nécessaires et de vérifier que les culasses assemblées AMC correspondent pleinement à la culasse nécessaire pour réparer le moteur.

WICHTIG

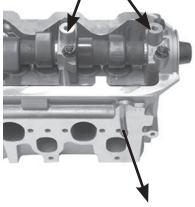
- Beim gleichen Motorcode können MAN-Zylinderköpfe mit unterschiedlichen Komponenten zusammengebaut werden, je nach Fahrzeug-Fahrgestellnummer (Ventile, Federn, Ventilfedertellern).
- Es ist die Verantwortlichkeit des Kundes um sicher zu sein über die benötigte Komponenten, und zu überprüfen, ob der zusammengebaute AMC Zylinderkopf völlig dem Zylinderkopf entspricht, der zur Reparatur des Motors benötigt wird.

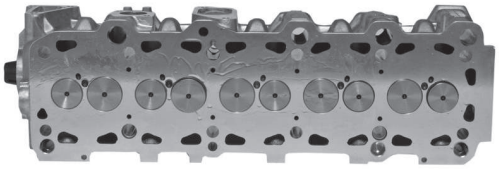
AUDI

		Cm3	O. E.	YEARS				KIT	KIT
Industrial	BBR	2.5 TDI 2459	074103351C	2003 →	10	653361 O.E. 034109309AD	647030 O.E. 074109101J 074109101E 046109101K 046109101G	647030K = 647030 + 10 2 0 0	258034



M 8





908704
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Tubo de agua en cara colectores
Water pipe on manifold side
Tuyau d'eau sur le côté collecteurs
Wasserrohr auf Einlassseite

908804
908704 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Observaciones: 5 Cilindros. Inyección directa. Con depresor en culata. Marcado con una "E" entre el tercero y cuarto injector.

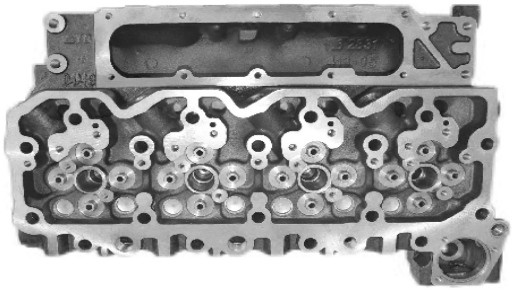
Remarks: 5 Cylinders. Direct injection. With vacuum pump fitted in the cylinder head. Marked with an "E" between the third and fourth injector.

Remarques: 5 Cylindre. Injection directe. Avec pompe à vide montée dans la culasse. Marqué d'un "E" entre le troisième et le quatrième injecteur.

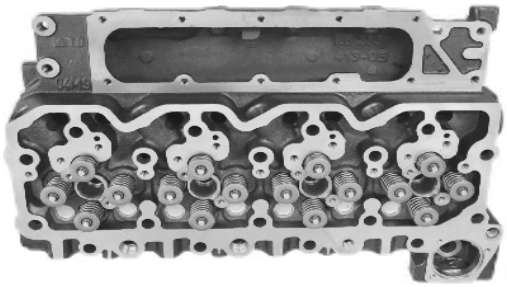
Bemerkungen: 5 Zylinder. Direkteinspritzer. Mit im Zylinderkopf eingebauter Vakuumpumpe. Gekennzeichnet mit einem "E" zwischen dem dritten und vierten Injektor.

AVIA

	Cm3	O. E.	YEARS				KIT	KIT
D60 S D90 S D120 S	ISBe150 ISBe170	3.9 3922	2831261 2831266	2.001 →	16				259420



909420
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909520
909420 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
TECTOR 4

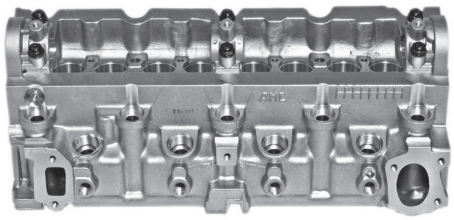
Remarks:
TECTOR 4

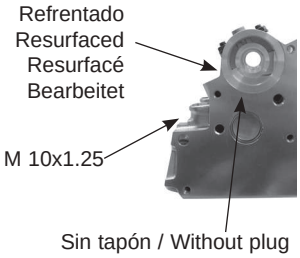
Remarques:
TECTOR 4

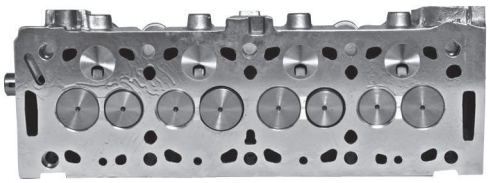
Bemerkungen:
TECTOR 4

BOBCAT

		Cm3	O. E.	YEARS				KIT	KIT
751	XUD9		6669186	1994-2000	8			**652873K** = 652873 + 8 1 0 0	258014







908536

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

908636

908536 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Observaciones: Inyectores roscados. 6 Taladros en el lateral del depresor. Sin punto en precámara. Con taladro encima del calentador **nº 4 ø 9 mm.** Agujero colector admisión ovoidal. **Refrentado en lado depresor**.

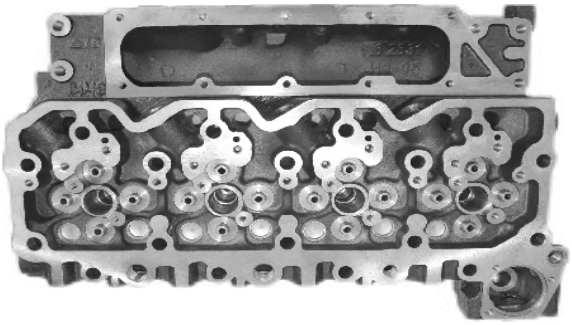
Remarks: Screw injectors. Vacuum pump side with 6 drill holes. P. C. Chamber without code holes. Drill hole above glow plug **n.° 4 ø 9 mm.** Oval intake manifold. **Resurfaced on vacuum pump side.**

Remarques: 6 trous de fixation sur le côté de la pompe à vide. Conduits adm/ech ovales. Injecteurs vissés. Trous de **9 mm** au dessus de la bougie **No 4.** Logement de pompe à vide resurfacé.

Bemerkungen: Schraubdüsenhalter. Vakuumpumpenflansch mit 6 Bohrungen. Vorkammer ohne Kennzeichnung. Bohrung oberhalb Glühkerze **nr. 4 ø 9 mm**. Unrundes Ansaugrohr. Bearbeitet auf Vakuumpumpen Seite.

CASE

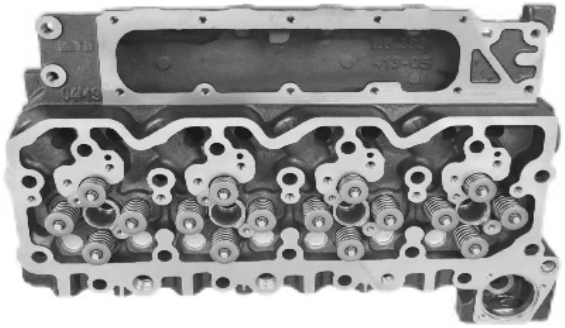
		Cm3	O. E.	YEARS				KIT	KIT
AGRICULTURAL INDUSTRIAL	F4DE F4HE	3.9 3922	2831261 2831266		16				259420



909420
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Observaciones:
TECTOR 4

Remarques:
TECTOR 4

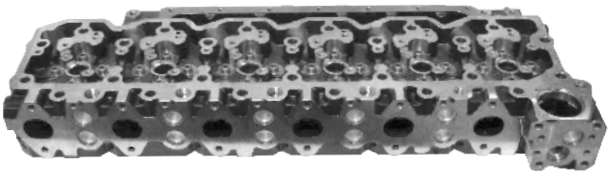


909520
909420 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks:
TECTOR 4

Bemerkungen:
TECTOR 4

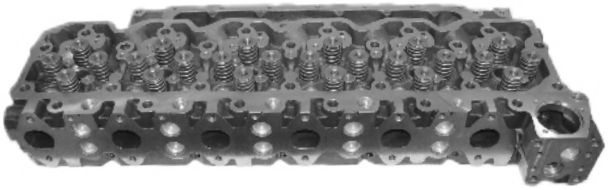
AGRICULTURAL INDUSTRIAL	F4AE0684 F4AE0685 F4HE9684 F4HE9685 F4HE9687	5.9 5883	2831274 2831278 2831279 8099005	4893050 4893051 4899586	24				259421



909421
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Observaciones:
TECTOR 6

Remarques:
TECTOR 6



909521
909421 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

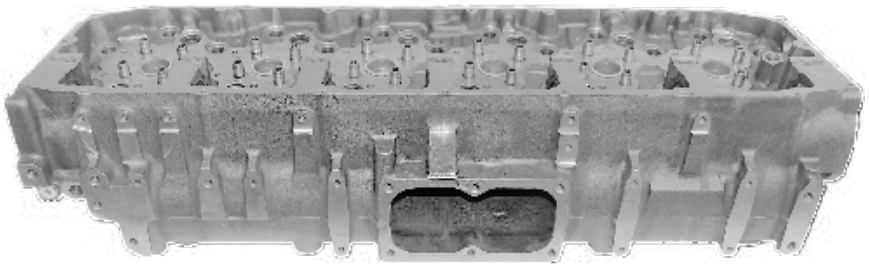
Remarks:
TECTOR 6

Bemerkungen:
TECTOR 6

CASE

		Cm3	O. E.	YEARS				KIT	KIT
AGRICULTURAL INDUSTRIAL	F2BE0684A F3AE0684G	7.8 7790	8099006		24				259422

909422
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909522
909422 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
CURSOR 8

Remarks:
CURSOR 8

Remarques:
CURSOR 8

Bemerkungen:
CURSOR 8

AGRICULTURAL INDUSTRIAL	F2CE9685A F2CE9687A / B / C	8.7 8709	504227730 5801889600 5801476005 5801823993		24				259422

909423
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

909523
909423 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
CURSOR 8 - CURSOR 9

Remarks:
CURSOR 8 - CURSOR 9

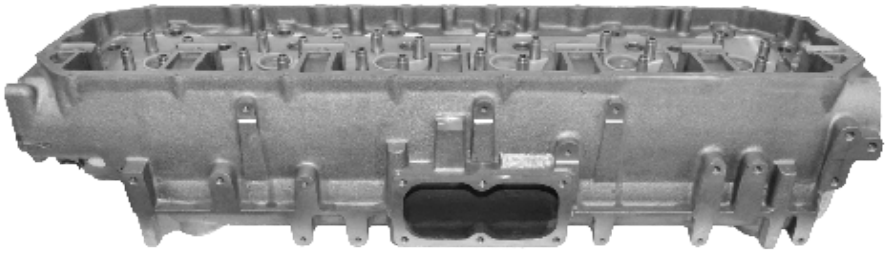
Remarques:
CURSOR 8 - CURSOR 9

Bemerkungen:
CURSOR 8 - CURSOR 9

CASE

		Cm3	O. E.	YEARS				KIT	KIT
AGRICULTURAL INDUSTRIAL	F3AE9681C	10.3 10308	504207966		24				259424

909424
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909524
908424 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
CURSOR 10

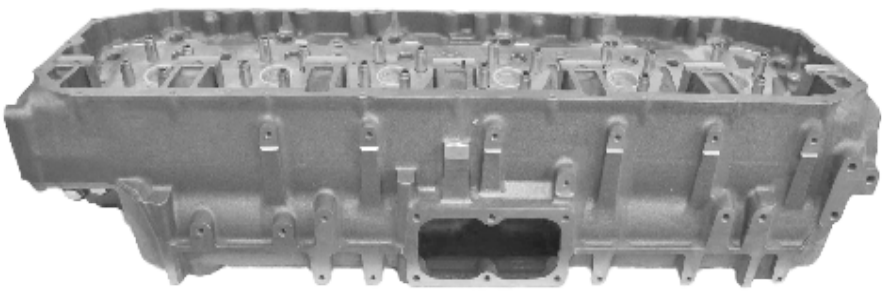
Remarks:
CURSOR 10

Remarques:
CURSOR 10

Bemerkungen:
CURSOR 10

AGRICULTURAL INDUSTRIAL	F3BE0681S F3CE0684C	12.9 12882	504201866		24				259425

909425
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909525
908425 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
CURSOR 13

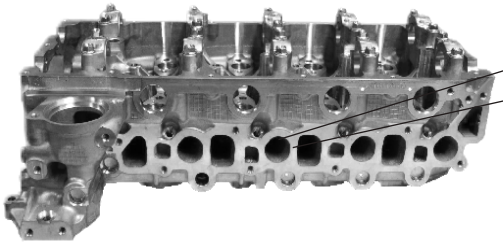
Remarks:
CURSOR 13

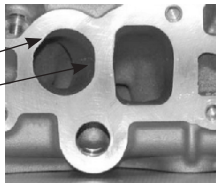
Remarques:
CURSOR 13

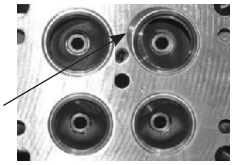
Bemerkungen:
CURSOR 13

CHEVROLET

		Cm3	O. E.	YEARS				KIT	KIT
T- SERIES	4JK1-TC 4JK1-TCX	2.5 DITD			16		647179 Adm. / Inlet 647180 Esc. / Exhaust	**647179K** = 647179 647180 + o o o o	258350







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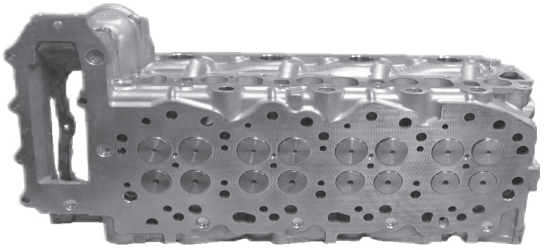


908351
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908451
908351 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

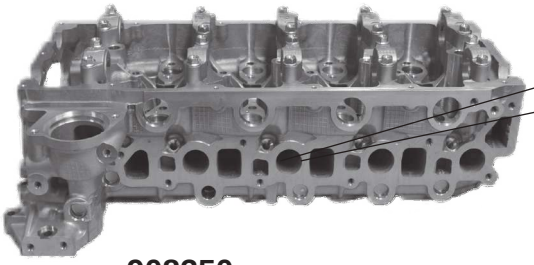
Observaciones:
Salida inyector cara de camaras ø4.5mm.
(1) Asiento valvulas con chaflan

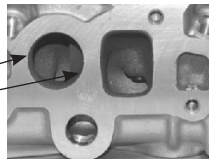
Remarks: Inyector exit ø4.5mm on fire face.
(1) Valve seats with chamfer.

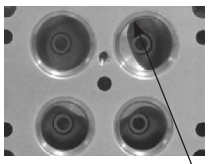
Remarques:
Face de chambre sortie injecteur ø4.5mm.
(1) Siège de soupape avec chanfrein

Bemerkungen:
Auslass des Kammerflächeninjektors ø4,5 mm.
(1) Ventilsitz mit Fase.

NKR 512 NKR 612	4JJ1TC	3.0 DITD		2015→	16		647179 Adm. / Inlet 647180 Esc. / Exhaust	**647179K** = 647179 647180 + o o o o	258350







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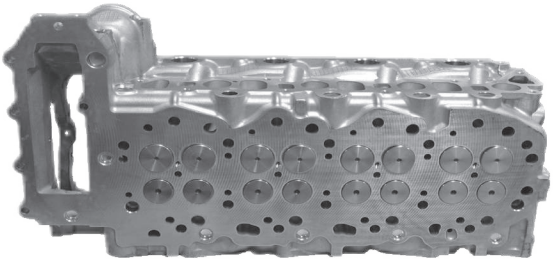


908350
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908450
908350 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
Salida inyector cara de camaras ø4.5mm.
(1) Asiento valvulas sin chaflan.

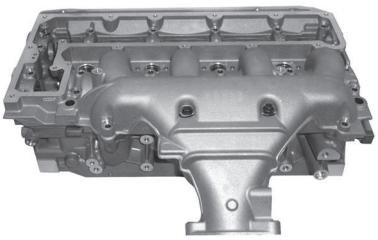
Remarks:
Inyector exit ø4.5mm on fire face.
(1) Valve seats without chamfer.

Remarques:
Sortie injecteur face chambre ø4,5mm.
(1) Siège de soupape sans chanfrein.

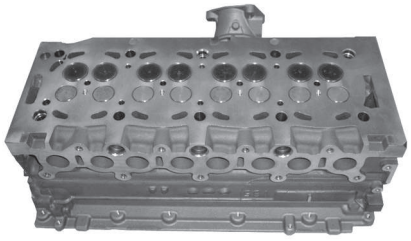
Bemerkungen:
Auslass des Kammerflächeninjektors ø4,5 mm.
(1) Ventilsitz ohne Fase.

CITROËN

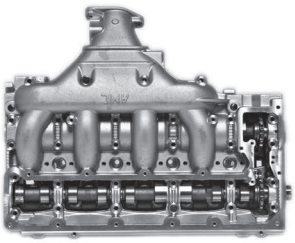
		Cm3	O. E.	YEARS				KIT	KIT
C5 C8 Jumper	DW12TED4 (4HW) DW12TED4 (4HX)	2.2 HDI 2179	0200GT 0200Z8	2001 →	16		669811 Adm./ Inlet O.E. 0801V9 669812 Esc./Exhaust O.E. 0801W0	669810K = 669811 669812 + o o o o	258130



908598
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

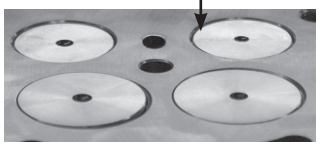


908698
908598 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



908998
908698 +:
Árbol de levas
Camshaft
Arbre à cames
Nockenwellen

(1)



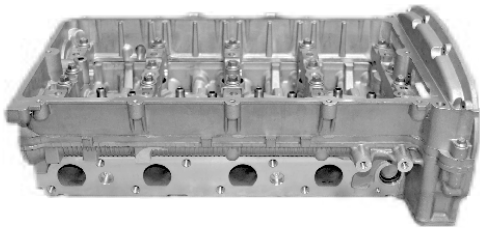
Observaciones: Marca en fundición V35. (1) Válvulas hundidas respecto del plano de la culata. Altura válvulas 105 mm.

Remarks: Casting mark V35. (1) Valves under main surface level. Valve's hight 105 mm.

Remarques: Repère en fonte V35. (1) Soupapes enfoncées en fonction du plan de la culasse. Hauteur soupapes 105 mm.

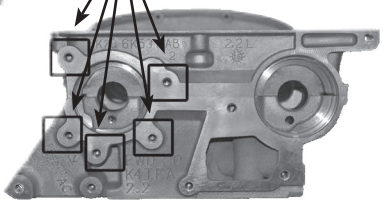
Bemerkungen: Gussmarke bei Nockenwellen V35. (1) Ventile stehen unter die Einspritzdüsen. Ventilshöhe 105 mm.

Jumper	4H03 (PUMA) 4HG (PUMA) 4HH (PUMA) 4HJ (PUMA)	2.2 HDI 2198	1607126580	2011 →	16		647277 Adm./ Inlet O.E. 0801EA O.E. 0801LL O.E. 1653667980 647378 Esc./Exhaust O.E. 9677426080	647378K = 647277 647378 + o o o o	258867



908457
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

(1)



908757
Guías + Asientos + Válvulas + Muelles
Guides + Seats + Valves + Springs
Guides + Sièges + Soupapes + Ressorts
Führungen + Sitze + Ventile + Ventilfedern

Observaciones: Tracción delantera. (1) 5 taladros de M8 en el lado opuesto de distribución.

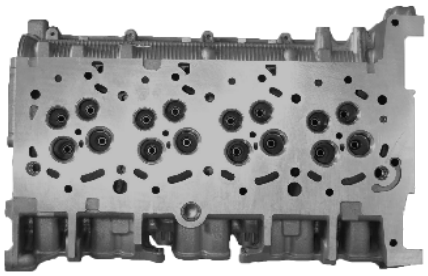
Remarks: Front wheel drive. (1) 5 drill holes M8 on oppossite site of distribution.

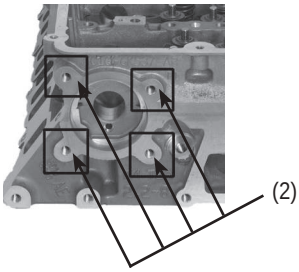
Remarques: Traction avant. (1) 5 trous M8 sur le côté opposé du distributeur.

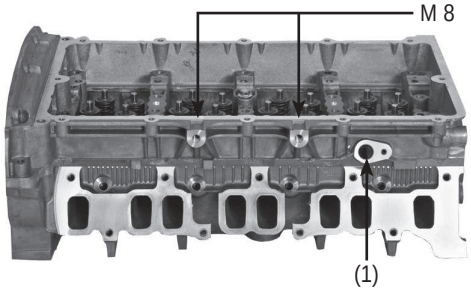
Bemerkungen: Frontantrieb. (1) 5 Bohrer M8 im Gegenseite des Verteiler.

CITROËN

		Cm3	O. E.	YEARS				KIT	KIT
Jumper	4HU (PUMA) 4HV (PUMA) 4HM (PUMA) P8FA (PUMA) QVFA (PUMA) QWFA (PUMA)	2.2 HDI 2198	0200GW	2006 →	16		647277 Adm./ Inlet O.E. 0801EA O.E. 0801LL O.E. 1653667980 647278 Esc./Exhaust O.E. 0801EC	647277K = 647277 647278 + o o o o	258867







908467
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

908867
Guías + Asientos + Válvulas + Muelles
Guides + Seats + Valves + Springs
Guides + Sièges + Soupapes + Ressorts
Führungen + Sitze + Ventile + Ventilfedern

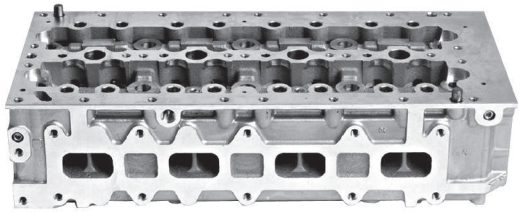
Observaciones: Tracción delantera. (1) Con sensor de árbol de levas en tapa, cara colectores. Common Rail. (2) 4 taladros de M8 en el lado opuesto de distribución.

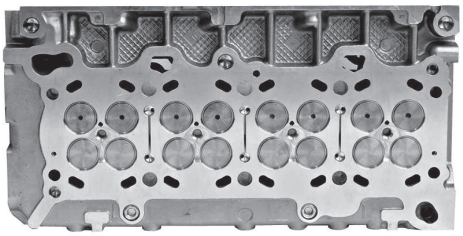
Remarks: Front wheel drive. (1) With camshaft sensor. Common Rail. (2) 4 drill holes M8 on oppossite site of distribution.

Remarques: Traction avant. (1) Avec senseur d'arbre à cames. Common Rail. (2) 4 trous M8 sur le côté opposé du distributeur.

Bemerkungen: Frontantrieb. (1) Mit Nockenwelle-sensor. Common Rail. (2) 4 Bohrer M8 im Gegenseite des Verteiler.

Jumper II	SOFIM	2.2 TD 2.3 TD	0200JC	2006-2011	16	670381 O.E. 0903H9 0903J9 0903J7 1610047380	647273 Adm./ Inlet OE. 0801FN 647274 Esc./Exhaust OE. 0801FX	647273K = 647273 647274 + 16 o o o	258545





908545
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

908645
908545 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Zona de contacto del inyector: cónica. Euro 4

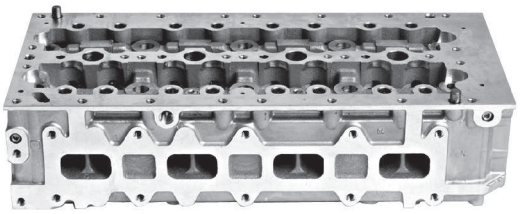
Remarks: Contact area with injector: conical. Euro 4

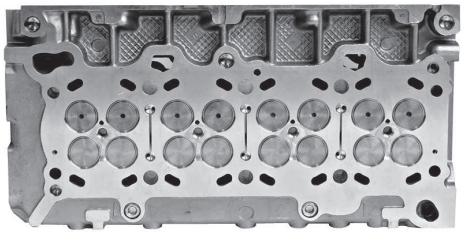
Remarques: Zone de contact avec injecteur: conique. Euro 4

Bemerkungen: Kontaktbereich mit injektor: konisch. Euro 4

CITROËN

		Cm3	O. E.	YEARS				KIT	KIT
Jumper II	F1AE (SOFIM)	2.3 TD 2286	1609096080	2010 →	16	670381 O.E. 0903H9 0903J9 0903J7 1610047380	647273 Adm./ Inlet OE. 0801FW 647274 Esc./Exhaust OE. 0801FX	647273K = 647273 647274 + 16 0 0 0	258545





908345

Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Observaciones: Zona de contacto del inyector: plana. Euro 5.

Remarks: Contact area with injector: flat. Euro 5.

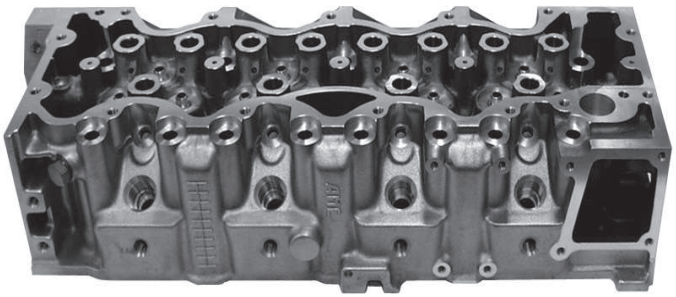
Remarques: Zone de contact avec injecteur: lisse. Euro 5.

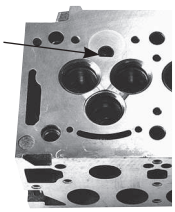
Bemerkungen: Kontaktbereich mit injektor: glatt. Euro 5.

908445

908345 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Jumper	T9A(DJ5)	2.5 D 2446	0200K0 0200Y5 0200T2	1994 / 97	12		663841 O.E. 0801L2		258530





908530

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

Observaciones: ***ø Tobera precámara 13,5 mm**. 1 Punto en precámara.

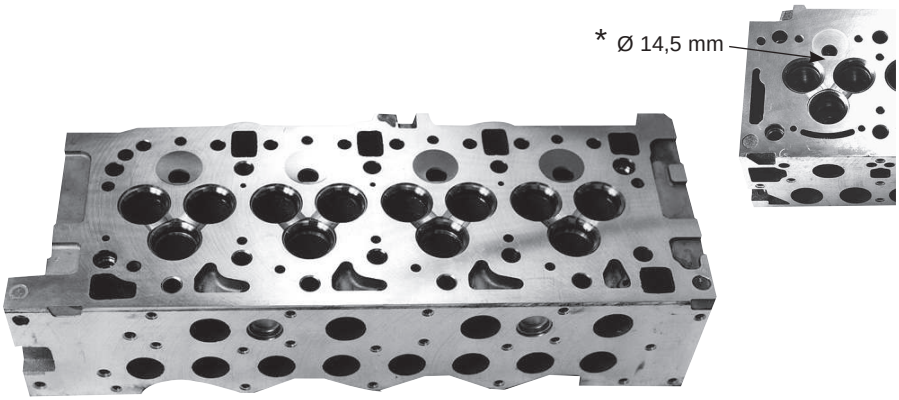
Remarks: ***ø P.C. Chamber's nozzle 13,5 mm.** P.C. Chamber with 1 code hole.

Remarques: Conduit de la chambre de combustion diamètre 13,5 mm. Chambres de précombustion repère 1 alvéole.

Bemerkungen: Vorkammeröffnung 13,5 mm. Vorkammer mit 1 Punkt gekennzeichnet.

CITROËN

		Cm3	O. E.	YEARS				KIT	KIT
Jumper	T8A(DJ5T)	2.5 TD 2446	0200R3 0200T3 0200Y6	1994 / 97	12		647058 O.E. 0801K9		258530



908531

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

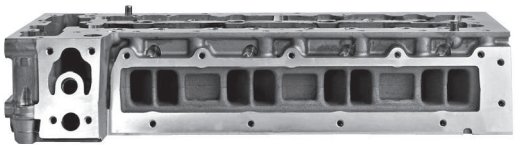
Observaciones: ***ø Tobera precámara 14,5 mm**. Sin punto en precámara.

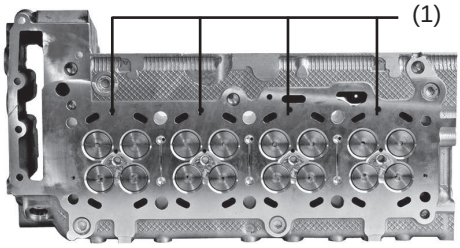
Remarks: ***ø P.C. Chamber's nozzle 14,5 mm.** P. C. Chamber without code holes.

Remarques: Conduit de la chambre de combustion diamètre 14,5 mm. Sans point sur chambres précombustion.

Bemerkungen: Vorkammeröffnung 14,5 mm. Vorkammer ohne Kennzeichnung.

Jumper	F30DT F1CE0481D	3.0 HDI 2998	0200HG	→ 2011	16	670381 O.E. 0903H9 0903J9 0903J7 1610047380	647271 Adm. / Inlet OE. 0801GC OE. 0801EL 647272 Esc. / Exhaust OE. 0801EN OE. 0801GG	647271K = 647271 647272 + 16 / 0 / 0 / 0	258546





908585

Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

908685

908585 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: (1) Taladros de recirculación. Euro 4

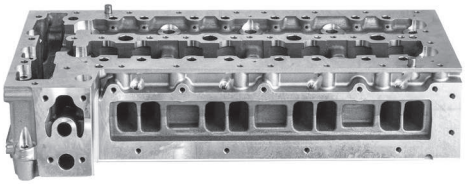
Remarks: (1) Recirculation holes. Euro 4

Remarques: (1) Des trous pour le recirculation. Euro 4

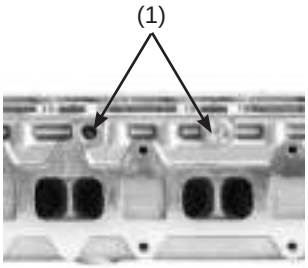
Bemerkungen: (1) Löcker für die Rückführung. Euro 4

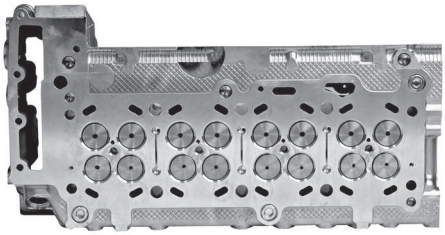
CITROËN

		Cm3	O. E.	YEARS				KIT	KIT
Jumper	F1CE3481M F1CE3481N F1CE3481E	3.0 HDI 2.998	0200KC	2011 →	16	670381 O.E. 0903H9 0903J9 0903J7 1610047380	647271 Adm. / Inlet OE. 0801GC 0801EL 647272 Esc. / Exhaust OE. 0801EN 0801GG	647271K = 647271 647272 + 16 0 0 0	258546



908559
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.





908659
908559 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Válida para motores Turbo y Biturbo. (1) 2 taladros de ø 14 mm en la cara de colectores. Euro 5.

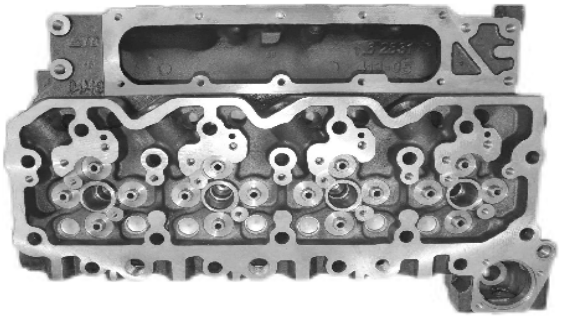
Remarks: Valid for Turbo and Biturbo engines. (1) 2 drill holes 14 mm diameter on manifold's side. Euro 5.

Remarques: Valable pour les moteurs Turbo et Biturbo. (1) 2 trous diamètre 14 sur face des collecteurs. Euro 5

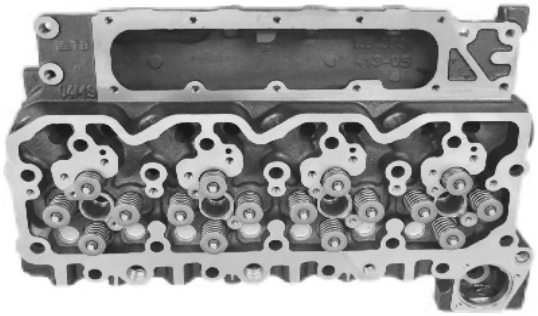
Bemerkungen: Das ist gilt für Turbo und Biturbo. (1) 2 Bohrungen 14 mm diameter auf Einlassseite. Euro 5

CUMMINS

		Cm3	O. E.	YEARS				KIT	KIT
BUS MARINE INDUSTRIAL AGRICULTURE	ISB QSB	4.5	2831261 2831266 4893053 4893060 5361580		16				259420



909420
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909520
909420 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

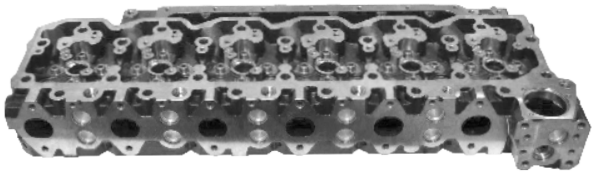
Observaciones:

Remarks:

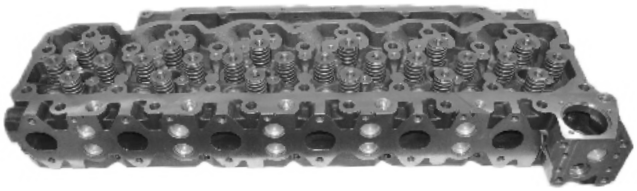
Remarques:

Bemerkungen:

BUS MARINE INDUSTRIAL AGRICULTURE	ISB QSB	5.9 6.7	2831279 2831274 4893050 8099005 4899586 5361582		24				259421



909421
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909521
909421 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:

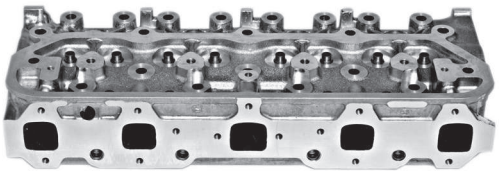
Remarks:

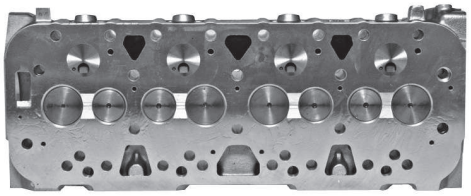
Remarques:

Bemerkungen:

DAF

		Cm3	O. E.	YEARS				KIT	KIT
400 400EH/55	XD 3	2.5 D 2498			8				258019





908400

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

908410

908400 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

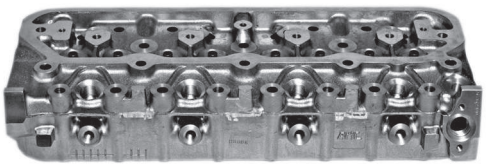
Observaciones: Inyectores roscados. 1 Punto en precámara. Rosca alojamiento termoresistencia M-14/125. Altura culata en tornillos anclaje, lado inyectores: 83 mm. Esta culata se puede montar con el Kit tornillos 258009, compuesto por 7 tornillos R.O.020455, 8 tornillos R.O. 020454 y 7 tornillos R.O. 020456.

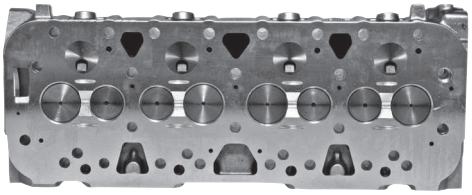
Remarques: Injecteurs filetés. 1 Point en préchambre. Filetage du boîtier du thermomètre à résistance M-14/125. Hauteur de la culasse dans les boulons d'ancrage, côté injecteurs : 83 mm. Cette crosse peut être assemblée avec le kit de vis 258009, composé de 7 vis R.O.020455, 8 vis R.O. 020454 et 7 R.O. 020456.

Remarks: Screw injectors. P. C. Chamber with one code hole.Thermo resistence screw M-14/125. C. Head's height 83 mm (injectors' side). This cylinder head can be assembled with the 258009 bolts kit, formed by 7 bolts O.E. 020455, 8 bolts O.E. 020454 and 7 O.E. 020456 bolts.

Bemerkungen: Schraubdüsenhalter. Vorkammer mit 1 Punkt gekennzeichnet. Gewindebohrung M14/125 (Thermoschalter). Zyl.Kopf Höhe 83 mm (Düsenseite). Dieser Zylinderkopf kann mit dem Kit 258009 montiert werden (Set mit 7 Schrauben O.E. 020455, 8 Schrauben O.E. 020454 und 7 Schrauben O.E. 02456).

400 400ET/70	XD 3 T	2.5 TD 2498			8				258019





908401

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

908411

908401 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Inyectores roscados. Sin puntos en precámara. Rosca alojamiento termoresistencia M-14/125. Altura culata en tornillos anclaje, lado inyectores: 83 mm. Esta culata se puede montar con el Kit tornillos 258009, compuesto por 7 tornillos R.O.020455, 8 tornillos R.O. 020454 y 7 tornillos R.O. 020456.

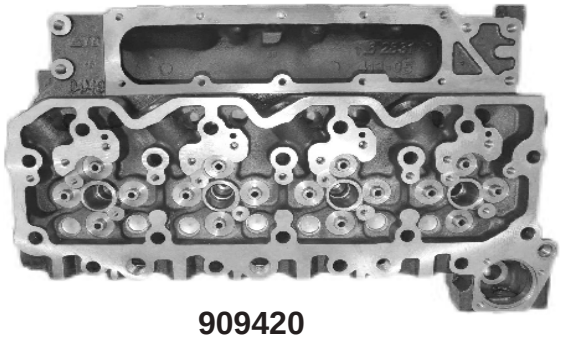
Remarques: Injecteurs vissés. Chambres de précombustion sans repére. Fixation du thermocontact M14 / 125. Hauteur: 83mm. On peut assembler cette culasse avec le jeu de vis 258009, qui comprend 7 vis R.O. 020455, 8 vis R.O. 020454 et 7 vis R.O. 020456

Remarks: Screw injectors. P. C. Chamber without code holes. Thermo resistence screw M-14/125. C. Head's height 83 mm (injectors' side). This cylinder head can be assembled with the 258009 bolts kit, formed by 7 bolts O.E. 020455, 8 bolts O.E. 020454 and 7 O.E. 020456 bolts.

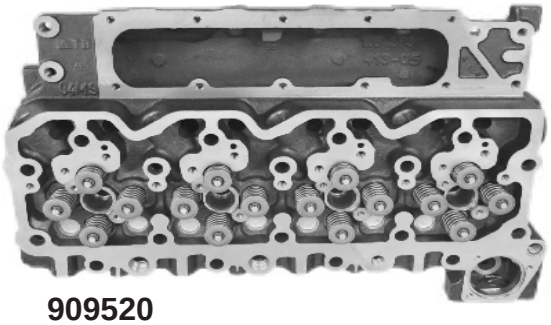
Bemerkungen: Schraubdüsenhalter. Vorkammer ohne Kennzeichnung. Gewindebohrung M14/125 (Thermoschalter). Zyl.Kopf Höhe 83 mm (Düsenseite). Dieser Zylinderkopf kann mit dem Kit 258009 montiert werden (Set mit 7 Schrauben O.E. 020454 und 7 Schrauben O.E. 020456).

DAF

		Cm3	O. E.	YEARS				KIT	KIT
LF 45 FA LF 55 FA SB120	ISBe135 BE99C ISBe150 BE110C ISBe170 BE123C	3.9		2001 → 1999 →	16				259420



909420
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909520
909420 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

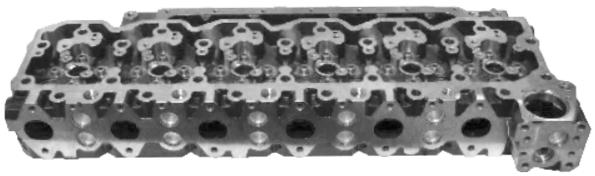
Observaciones:
EURO 3

Remarks:
EURO 3

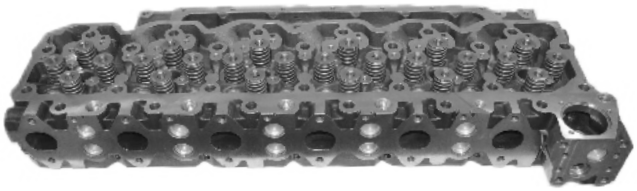
Remarques:
EURO 3

Bemerkungen:
EURO 3

LF 55 FA	CE184C	5.9	1406082 1407756	2002 →	24				259421



909421
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909521
909421 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
EURO3

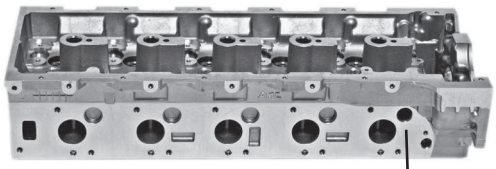
Remarks:
EURO3

Remarques:
EURO3

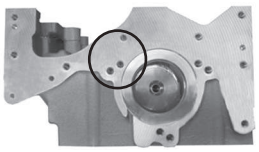
Bemerkungen:
EURO3

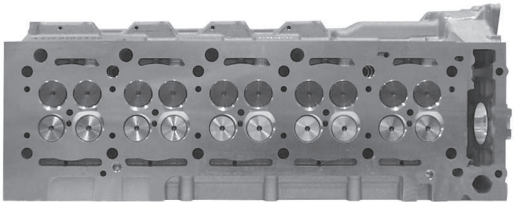
DODGE

		Cm3	O. E.	YEARS				KIT	KIT
Sprinter	EX9	2.7 CRD 2685		2002 / 03	20	641892	647265 Adm./ Inlet 647266 Esc./Exhaust	647265K = 647265 647266 + 20 0 0 0	258146



Taladro Ø 18 mm
Hole Ø 18 mm
Trou Ø 18 mm
Bohrung Ø 18 mm





908575
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908675
908575 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

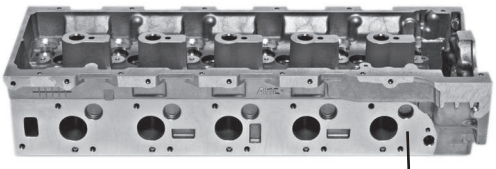
Observaciones: 5 Cilindros. Válvula admisión ø 30.1 mm. Válvula de escape ø 28.4 mm. Inyección directa. Con taladro ø18mm en cara de colector de escape.

Remarks: 5 Cylinders. Inlet valve ø 30.1 mm. Exhaust valve ø 28.4 mm. Direct injection. With hole ø18mm on the exhaust manifold face.

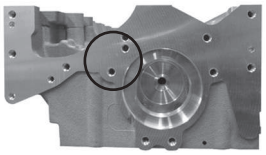
Remarques: 5 Cilindres. Soupapes: Diamètre adm ø 30.1 ech ø 28.4 mm. Injection directe. Avec trou ø 18mm sur la face du collecteur d'échappement.

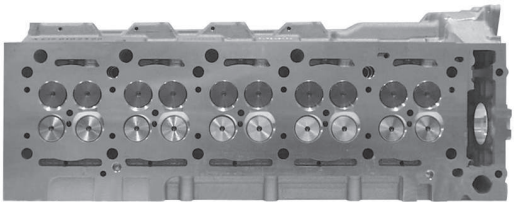
Bemerkungen: 5 Zylinder. Einlassventil ø 30.1 mm Durchmesser. Auslassventil ø 28.4 mm. Direkteinspritzer. Mit Bohrung ø18mm an der Fläche des Abgaskrümmers.

Sprinter	EX8	2.7 CRD 2685	05136759AA	2004 / 06	20	641892			258146



Con tapón
With plug
Avec bouchon
Mit Stopfen





908576
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908676
908576 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: 5 Cilindros. Válvula admisión ø 28.7 mm. Válvula de escape ø 26.2 mm. Inyección directa. Con tapón en cara de colector de escape.

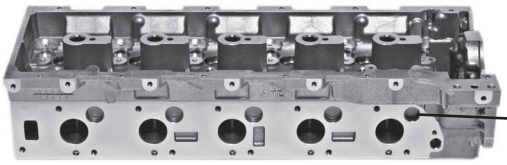
Remarks: 5 Cylinders. Inlet valve ø 28.7 mm. Exhaust valve ø 26.2mm. Direct injection. With plug on the exhaust manifold face.

Remarques: 5 Cilindres. Soupapes: Diamètre adm ø 28.7 ech ø 26.2 mm. Injection directe. Avec bouchon sur la face du collecteur d'échappement.

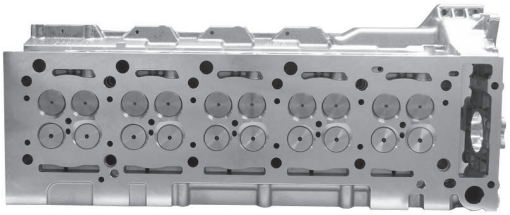
Bemerkungen: 5 Zylinder. Einlassventil ø 28.7 mm Durchmesser. Auslassventil ø 26.2 mm. Direkteinspritzer. Mit Stopfen an der Fläche des Abgaskrümmers.

DODGE

		Cm3	O. E.	YEARS				KIT	KIT
Sprinter	EX9	2.7 CRD 2685	05171546AA 05080025AA	2002 →	20	641892	647265 Adm./ Inlet 647266 Esc./Exhaust	**647265K** = 647265 647266 + 20 / 0 / 0 / 0	258146



Con tapón
With plug
Avec bouchon
Mit Stopfen



Con taladros M 10x1.5
With Drill Holes M 10x1.5
Avec trous M 10x1.5
Mit Bohren M 10x1.5

908578
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908678
908578 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

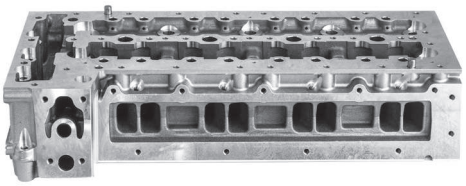
Observaciones: 5 Cilindros. Válvula admisión ø 30.1 mm. Válvula de escape ø 28.4 mm. Inyección directa. Con tapón en cara de colector de escape.

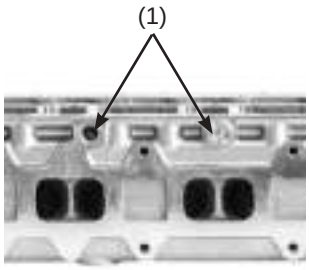
Remarks: 5 Cylinders. Inlet valve ø 30.1 mm. Exhaust valve ø 28.4mm. Direct injection. With plug on the exhaust manifold face.

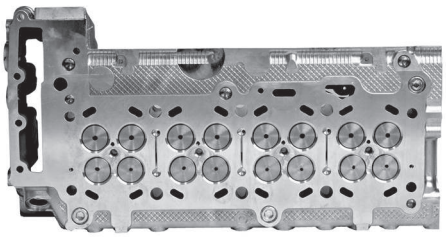
Remarques: 5 Cilindres. Soupapes: Diamètre adm ø 30.1 ech ø 28.4 mm. Injection directe. Avec bouchon sur la face du collecteur d'échappement.

Bemerkungen: 5 Zylinder. Einlassventil ø 30.1 mm Durchmesser. Auslassventil ø 28.4 mm. Direkteinspritzer. Mit Stopfen an der Fläche des Abgaskrümmers.

Ram Promaster	F1CE3481E (EXG)	3.0 CRD 2.998	68226933AA	2013 →	16	670381 O.E. 68196592AA	647271 Adm. / Inlet OE. 68172837AA 647272 Esc. / Exhaust OE. 68133370AA	**647271K** = 647271 647272 + 16 / 0 / 0 / 0	258546







908559
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

908659
908559 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Válida para motores Turbo y Biturbo. (1) 2 taladros de ø 14 mm en la cara de colectores. Euro 5.

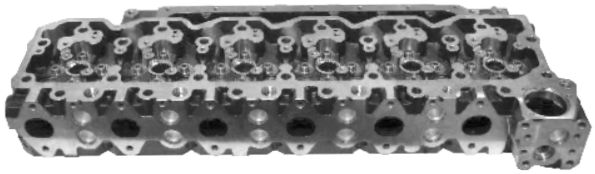
Remarks: Valid for Turbo and Biturbo engines. (1) 2 drill holes 14 mm diameter on manifold's side. Euro 5.

Remarques: Valable pour les moteurs Turbo et Biturbo. (1) 2 trous diamètre 14 sur face des collecteurs. Euro 5

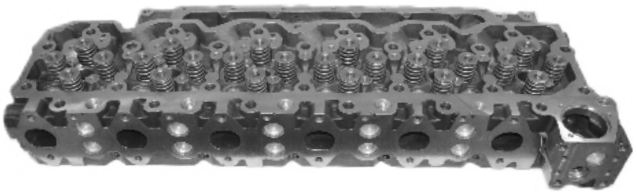
Bemerkungen: Das ist gilt für Turbo und Biturbo. (1) 2 Bohrungen 14 mm diameter auf Einlassseite. Euro 5

DODGE

		Cm3	O. E.	YEARS				KIT	KIT
RAM 2500 RAM 3500	ISB	5.9 6.7	2831279 2831274RX 4893050 4899587 5361582	2003 →	24				259421



909421
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909521
909421 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:

Remarks:

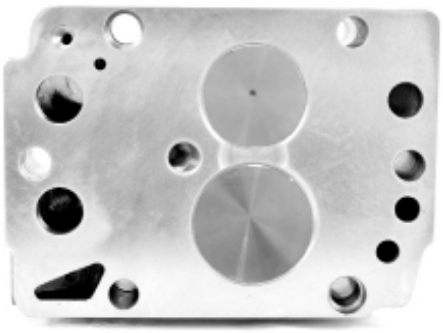
Remarques:

Bemerkungen:

DOOSAN

		Cm3	O. E.	YEARS				KIT	KIT
INDUSTRIAL MARINO	GV158TI GV158TIC GV180TI GV180TIC GV222TI GV222TIC		65031016070 65031016070A 65031011051B 65031016070B 65031016070C 65031016070D 15011300823 15011300823A	2002 →	2				259070

909069
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909169
909069+:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: **GAS**

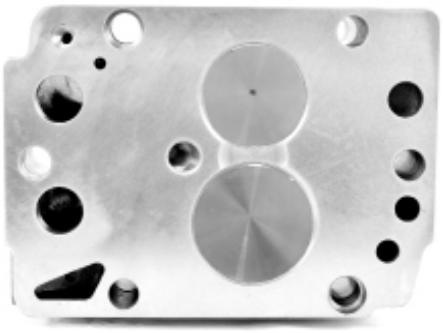
Remarks: **GAS**

Remarques: GAS

Bemerkungen: GAS

INDUSTRIAL MARINO	GV158TI GV158TIC GV180TI GV180TIC GV222TI GV222TIC		65031016070 65031016070A 65031011051B 65031016070B 65031016070C 65031016070D 15011300823 15011300823A	2002 →	2				259070

939069
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



939169
939069+:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: **GAS / BIOGAS**
Asientos de válvula mejorados.

Remarks: **GAS / BIOGAS**
Upgraded valve seats

Remarques: GAS / BIOGAS
Sièges de soupapes améliorés.

Bemerkungen: GAS / BIOGAS
Verbesserte ventilsitze.

FENDT

		Cm3	O. E.	YEARS				KIT	KIT
Vario 1038 Vario 1042 Vario 1046 Vario 1050	D2672 LE131 D2676 LE134 D2676 LE135 D2676 LE136 D2676 LE521 D2676 LE522 D2676 LE523 D2676 LE524	12.4	51031006081 51031006149 51031006171 51031006210 51031006252 51031006315 51031006408 51031006425	07.2.014 →	24				259410

909410
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

909510
909410 +:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.

Observaciones:
EURO5

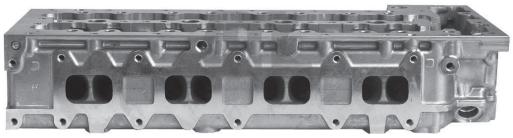
Remarks:
EURO5

Remarques:
EURO5

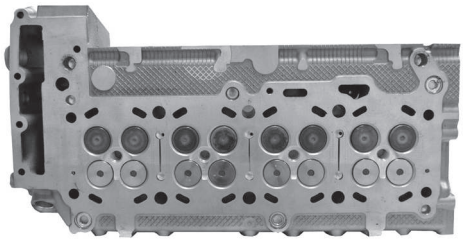
Bemerkungen:
EURO5

FIAT

		Cm3	O. E.	YEARS				KIT	KIT
Ducato Ducato CNG	F1CE0441A F1CFA401A	3.0 Gasolina Metano Petrol CNG	504278047 500059536 71771717	2006 / 2014	16	670381 O.E. 504074464 504380370 504014269 504367673 5801455560	647271 Adm. / Inlet OE. 504246092 OE. 504246094 OE. 504286094 647272 Esc. / Exhaust OE. 504246091 OE. 504246093 OE. 504080985	647271K = 647271 647272 + 16 o o o	258546



910546
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



910646
910546 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

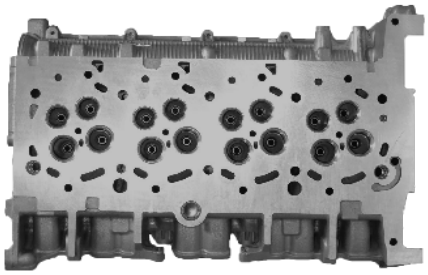
Observaciones: Gasolina - GNC - Gas Natural Comprimido
EURO 6

Remarks: Petrol / Gasoline - CNG - Compressed Natural Gas
EURO 6

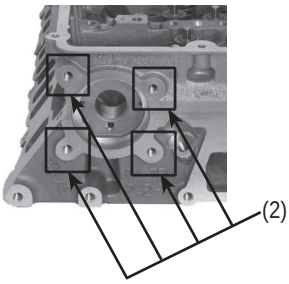
Remarques: Essence - GNC - Gaz Naturel Comprimé
EURO 6

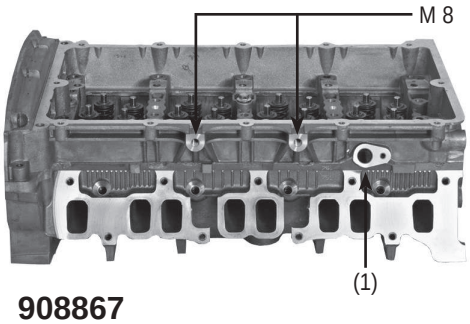
Bemerkungen: Benzin - Komprimiertes Erdgas
EURO 6

Ducato	4HU (PUMA)	2.2 JTD 2198	9662378080 71724181	2006 →	16		647277 Adm./ Inlet O.E. 9676647480 647278 Esc./Exhaust O.E. 9660119580	647277K = 647277 647278 + o o o o	258867



908467
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.





908867
Guías + Asientos + Válvulas + Muelles
Guides + Seats + Valves + Springs
Guides + Sièges + Soupapes + Ressorts
Führungen + Sitze + Ventile + Ventilfedern

Observaciones: Tracción delantera. (1) Con sensor de árbol de levas en tapa, cara colectores. Common Rail. (2) 4 taladros de M8 en el lado opuesto de distribución.

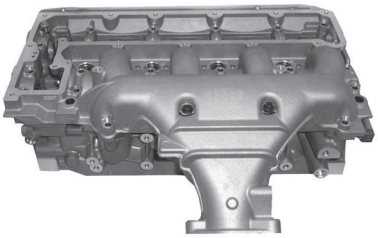
Remarks: Front wheel drive. (1) With camshaft sensor. Common Rail. (2) 4 drill holes M8 on oppossite site of distribution.

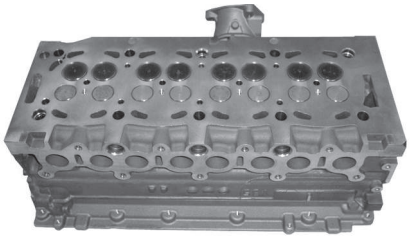
Remarques: Traction avant. (1) Avec senseur d'arbre à cames. Common Rail. (2) 4 trous M8 sur le côté opposé du distributeur.

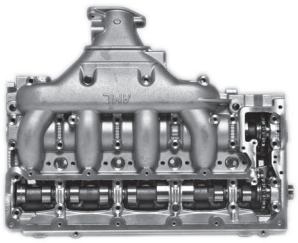
Bemerkungen: Frontantrieb. (1) Mit Nockenwelle-sensor. Common Rail. (2) 4 Bohrer M8 im Gegenseite des Verteiler.

FIAT

		Cm3	O. E.	YEARS				KIT	KIT
Ulysse	DW12TED4(4HW) DW12TED4(4HX)	2.2 JTD 2179	71739895	2001 →	16		669811 Adm./ Inlet 669812 Esc./Exhaust	**669810K** = 669811 669812 + o o o o	258130



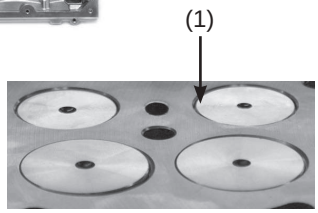




908598
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908698
908598 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908998
908698 +:
Árbol de levas
Camshaft
Arbre à cames
Nockenwellen



Observaciones: Marca en fundición V35. (1) Válvulas hundidas respecto del plano de la culata. Altura válvulas 105 mm.

Remarks: Casting mark V35. (1) Valves under main surface level. Valve's hight 105 mm.

Remarques: Repère en fonte V35. (1) Soupapes enfoncées en fonction du plan de la culasse. Hauteur soupapes 105 mm.

Bemerkungen: Gussmarke bei Nockenwellen V35. (1) Ventile stehen unter die Einspritzdüsen. Ventilshöhe 105 mm.

Ducato	46349131	2.2 JTD 2184	73504470 46348947 46348949	2021 →	16				

908344
Guias + Asientos + Válvulas + Muelles
Guides + Seats + Valves + Springs
Guiedes +Sièges + Soupapes + Ressorts
Führungen + Sitze + Ventile + Ventilfedern

Observaciones: Euro6D

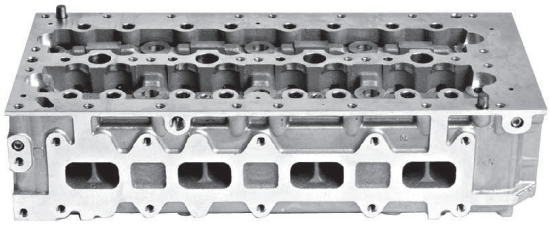
Remarks: Euro6D

Remarques: Euro6D

Bemerkungen: Euro6D

FIAT

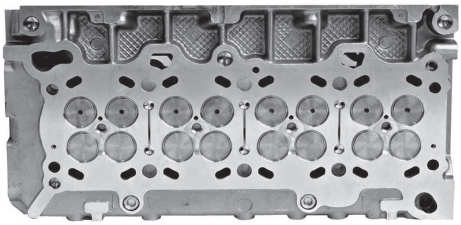
		Cm3	O. E.	YEARS				KIT	KIT
Ducato	F1AE F1AE0481 F1AE0481D F1AE0481N F1AE0481G F1AE0481B F1AE0481C	2.3 JTD 2287	71752505 504049268 71771718 71722873	2006 →	16	670381 O.E. 504380370 504074464 504014269 504367673 5801455560	647273 Adm./ Inlet OE 504096185 OE 504174770 OE 504006993 647274 Esc./Exhaust OE 504096183 OE 504174775 OE 504006995	647273K = 647273 647274 + 16 0 0 0	258545



908545
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Observaciones: Zona de contacto del inyector: cónica. Euro 4

Remarques: Zone de contact avec injecteur: conique. Euro 4

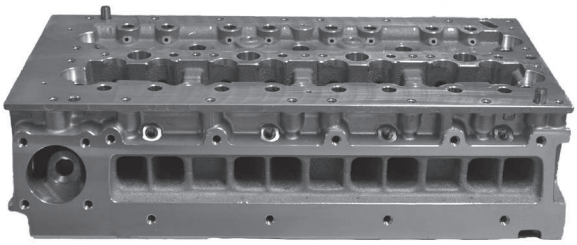


908645
908545 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks: Contact area with injector: conical. Euro 4

Bemerkungen: Kontaktbereich mit injektor: konisch. Euro 4

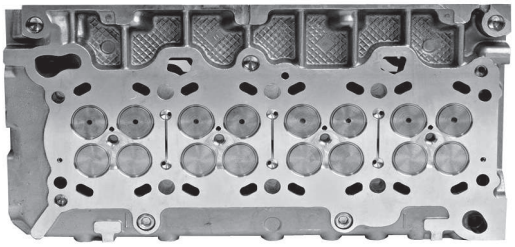
Ducato	F1AE3481D F1AE3481E F1AGL411A F1AGL411B F1AGL411C F1AGL411D F1AGL411M	2.3 MJTD 2287	5802227765 71796909	2014 →	16	670381 O.E. 504380370 504074464 504014269 504367673 5801455560	647273 Adm./ Inlet OE 504096185 OE 504174770 OE 504006993 647274 Esc./Exhaust OE 504096183 OE 504174775 OE 504006995	647273K = 647273 647274 + 16 0 0 0	258345



908245
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Observaciones: Euro 6

Remarques: Euro 6



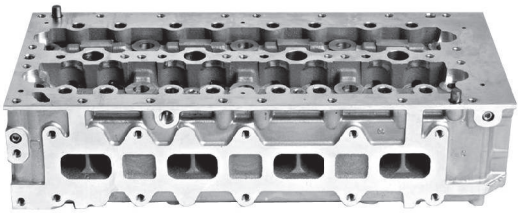
908945
908245 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

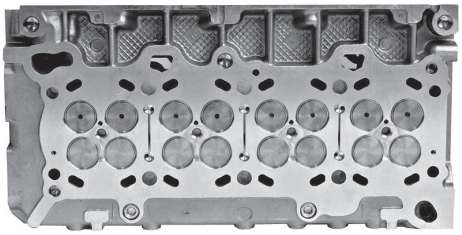
Remarks: Euro 6

Bemerkungen: Euro 6

FIAT

		Cm3	O. E.	YEARS				KIT	KIT
Ducato	F1AE0481C F1AE0481D F1AE3481D F1AE3481E	2.3 JTD 2286	71796192 71795640 504378073 5801485124 504378075	2002 → 2011 →	16	670381 O.E. 504380370 504074464 504014269 504367673 5801455560	647273 Adm./ Inlet OE 504096185 OE 504174770 OE 504006993 647274 Esc./Exhaust OE 504096183 OE 504174775 OE 504006995	647273K = 647273 + 647274 16 0 0 0	258545





908345
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

908445
908345 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

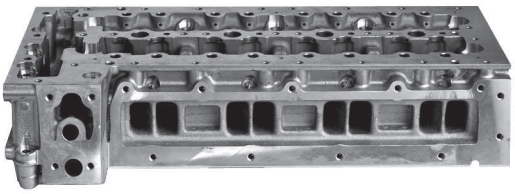
Observaciones: Zona de contacto del inyector: plana. Euro 5

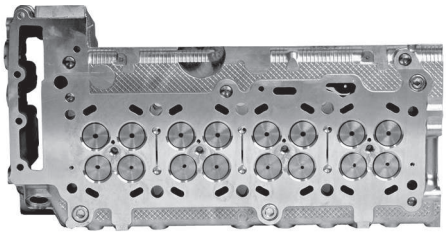
Remarks: Contact area with injector: flat. Euro 5

Remarques: Zone de contact avec injecteur: lisse. Euro 5

Bemerkungen: Kontaktbereich mit injektor: glatt. Euro 5

Ducato	F1CE F1CE0481B	3.0 JTD 2988	71724123 71792175 504110672	2006 →	16	670381 O.E. 504380370 504074464 504014269 504367673 5801455560	647271 Adm. / Inlet OE. 504246092 OE. 504246094 OE. 504286094 647272 Esc. / Exhaust OE. 504246091 OE. 504246093 OE. 504080985	647271K = 647271 + 647272 16 0 0 0	258546





908546
Guías + Asientos.
Guides + Seatss.
Guides + Sièges.
Führungen + Sitze.

908646
908546 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Euro 3

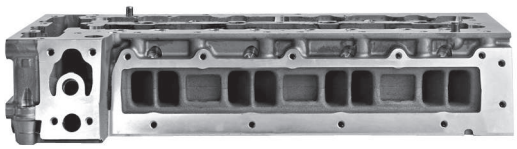
Remarks: Euro 3

Remarques: Euro 3

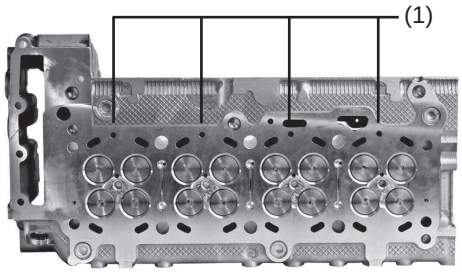
Bemerkungen: Euro 3

FIAT

		Cm3	O. E.	YEARS				KIT	KIT
Ducato	F1CE MJTD	3.0 JTD 2998	71771719 504213159 504127096	2006 →	16	670381 O.E. 504380370 504074464 504014269 504367673 5801455560	647271 Adm. / Inlet OE. 504246092 OE. 504246094 OE. 504286094 647272 Esc. / Exhaust OE. 504246091 OE. 504246093 OE. 504080985	647271K = 647271 647272 + 16 0 0 0	258546



908585
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



908685
908585 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

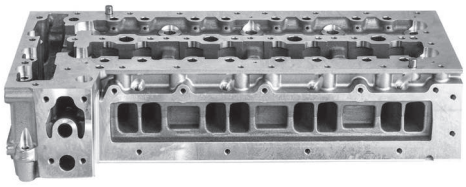
Observaciones: (1) Taladros de recirculación. Euro 4

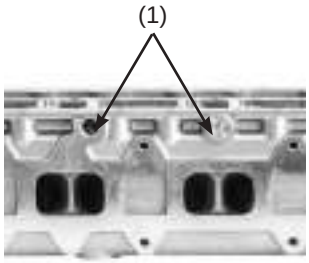
Remarks: (1) Recirculation holes. Euro 4

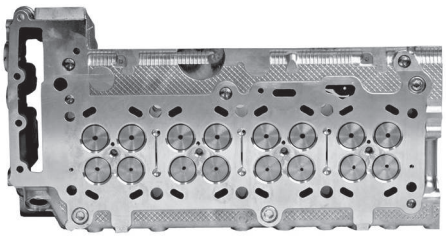
Remarques: (1) Des trous pour le recirculation. Euro 4

Bemerkungen: (1) Löcker für die Rückführung. Euro 4

Ducato	F1CE3481E F1CE3481M F1CE3481N F1CFL411H	3.0 JTD 2.998	502295007 504294722 504384837 504385398 500057291 500059539 500059540 71796186 71795015	2011 →	16	670381 O.E. 504380370 504074464 504014269 504367673 5801455560	647271 Adm. / Inlet OE. 504246092 OE. 504246094 OE. 504286094 647272 Esc. / Exhaust OE. 504246091 OE. 504246093 OE. 504080985	647271K = 647271 647272 + 16 0 0 0	258546







908559
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

908659
908559 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Válida para motores Turbo y Biturbo. (1) 2 taladros de ø 14 mm en la cara de colectores. Euro 5.

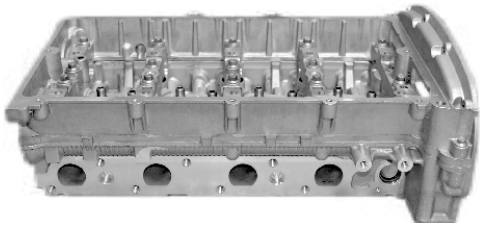
Remarks: Valid for Turbo and Biturbo engines. (1) 2 drill holes 14 mm diameter on manifold's side. Euro 5.

Remarques: Valable pour les moteurs Turbo et Biturbo. (1) 2 trous diamètre 14 sur face des collecteurs. Euro 5

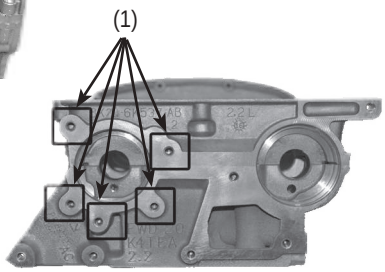
Bemerkungen: Das ist gilt für Turbo und Biturbo. (1) 2 Bohrungen 14 mm diameter auf Einlassseite. Euro 5

FORD

		Cm3	O. E.	YEARS					
Transit Tourneo Ranger	CVFF CYF4 DRFF CVF5 CYF5 DRFG CYFA CY14 DRF4 CYFB DRF5 USF6 CYFC DRFA (PUMA) CYFD DRFB CYFF DRFC CYFG DRFD	2.2 TDCi 2198	1740107 1731759 BK2Q6X032AD 2096277 T198680	2011 →	16		647277 Adm./ Inlet O.E. 1379727 O.E. 1688422 O.E. 2239508 647378 Esc./Exhaust O.E. 1731706	647378K = 647277 647378 + o o o o	258867



908457
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908757
Guías + Asientos + Válvulas + Muelles
Guides + Seats + Valves + Springs
Guides + Sièges + Soupapes + Ressorts
Führungen + Sitze + Ventile + Ventilfedern

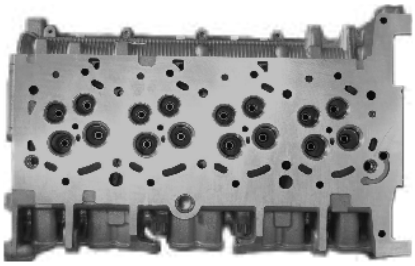
Observaciones: Tracción delantera. (1) 5 taladros de M8 en el lado opuesto de distribución.

Remarks: Front wheel drive. (1) 5 drill holes M8 on oppossite site of distribution.

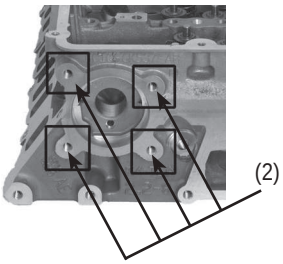
Remarques: Traction avant. (1) 5 trous M8 sur le côté opposé du distributeur.

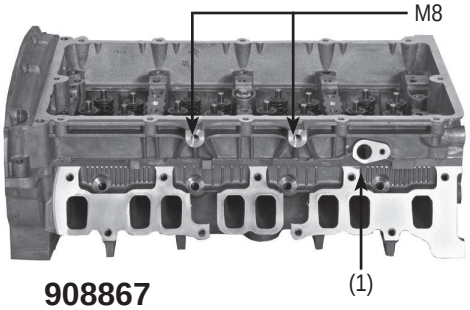
Bemerkungen: Frontantrieb. (1) 5 Bohrer M8 im Gegenseite des Verteiler.

Transit Ranger	P8FA (PUMA) QVFA (PUMA) QWFA (PUMA) SRFA (PUMA)	2.2 TDCI 2198	1433147 T211882	2006 →	16		647277 Adm./ Inlet O.E. 1688422 O.E. 1379727 O.E. 2239508 647278 Esc./Exhaust O.E. 1372430	647277K = 647277 647278 + o o o o	258867



908467
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.





908867
Guías + Asientos + Válvulas + Muelles
Guides + Seats + Valves + Springs
Guides + Sièges + Soupapes + Ressorts
Führungen + Sitze + Ventile + Ventilfedern

Observaciones: Tracción delantera. (1) Con sensor de árbol de levas en tapa, cara colectores. Common Rail. (2) 4 taladros de M8 en el lado opuesto de distribución.

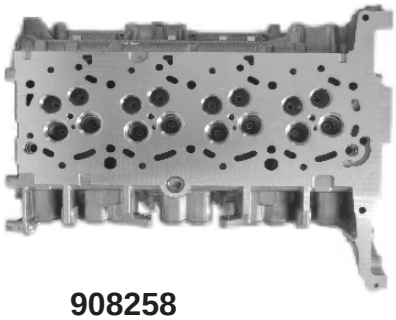
Remarks: Front wheel drive. (1) With camshaft sensor. Common Rail. (2) 4 drill holes M8 on oppossite site of distribution.

Remarques: Traction avant. (1) Avec senseur d'arbre à cames. Common Rail. (2) 4 trous M8 sur le côté opposé du distributeur.

Bemerkungen: Frontantrieb. (1) Mit Nockenwelle-sensor. Common Rail. (2) 4 Bohrer M8 im Gegenseite des Verteiler.

FORD

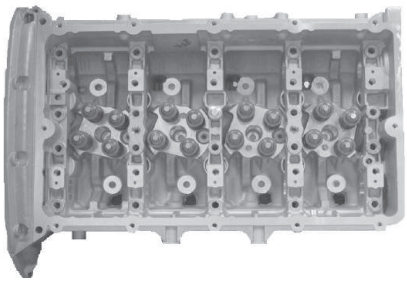
		Cm3	O. E.	YEARS				KIT	KIT
Transit Ranger	DRR5/A/B/C PUMA CYRA/B/C CVRA/B/C/24/R5 CY24/25 GBVAJPF/QW/QJ USR6/A/B UHR5 UYR6	2.2 TDCI 2198	1740108 1717606 2050068 T215871 BK3Q6C032AD BK3Q6049AE BK3Q6090AC	2011 / 13	16		647377 Adm./ Inlet O.E. 1704531 647378 Esc./Exhaust OE 1731706	647377K = 647377 647378 + o o o o	258867



908258
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Observaciones: Euro 5. Tracción trasera y 4x4.

Remarques: Euro 5. Traction arrière et 4x4.

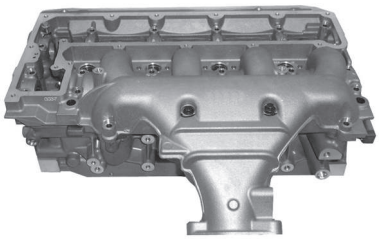


908758
908258 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

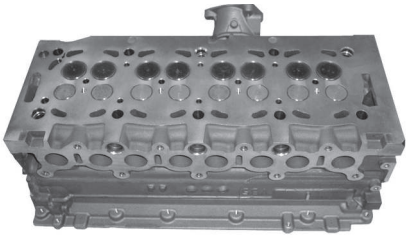
Remarks: Euro 5. Rear wheel drive and 4x4.

Bemerkungen: Euro 5. Heckantrieb und 4x4.

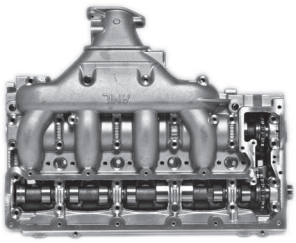
C-Max Focus S-Max	DW12TED4 (4HW) DW12TED4 (4HX)	2.2 TDCI 2179		2001 →	16		669811 Adm./ Inlet 669812 Esc./Exhaust	669810K = 669811 669812 + o o o o	258130



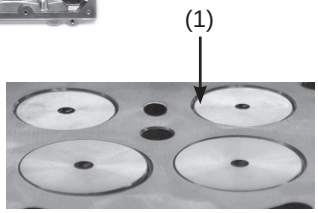
908598
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908698
908598 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



908998
908698 +:
Árbol de levas
Camshaft
Arbre à cames
Nockenwellen



Observaciones: Marca en fundición V35. (1) Válvulas hundidas respecto del plano de la culata. Altura válvulas 105 mm.

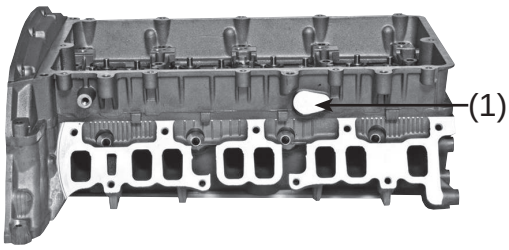
Remarks: Casting mark V35. (1) Valves under main surface level. Valve's hight 105 mm.

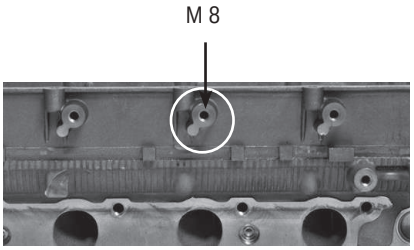
Remarques: Repère en fonte V35. (1) Soupapes enfoncées en fonction du plan de la culasse. Hauteur soupapes 105 mm.

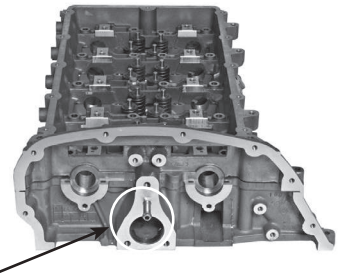
Bemerkungen: Gussmarke bei Nockenwellen V35. (1) Ventile stehen unter die Einspritzdüsen. Ventilshöhe 105 mm.

FORD

		Cm3	O. E.	YEARS			KIT		KIT
Transit	D2FA D4FA DOFA F4FA FXFA	2.4 TDCI	1099947 1333272 1420146 1701911 1851817	2000 →	16		647256 Adm./ Inlet O.E.1688419 4C1Q6A270AC 647255 Esc./Exhaust O.E. 1349547 4C1Q6A273AB		258766







908266
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Tubo de agua
Water pipe
Tuyau d'eau
Wasserröhre

908766
908266 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

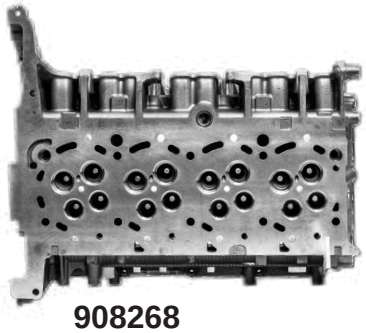
Observaciones: Sin common-rail. (1) Sin sensor de árbol de levas en tapa, cara colectores.

Remarks: Without common-rail. (1) Without camshaft sensor.

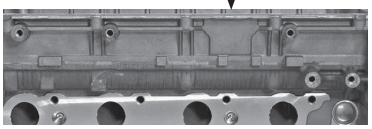
Remarques: Sans common-rail. (1) Sans senseur d'arbre à cames.

Bemerkungen: Ohne common-rail**.** (1) Ohne Nockenwelle-sensor

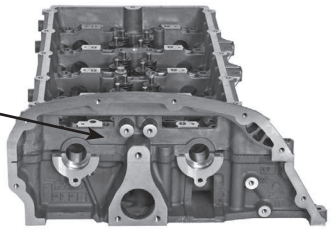
Transit	H9FB H9FD JXFA PHFA	2.4 TDCI 2402	T154171 1420146 1433148 6C1Q6C032BA 1475887 6C1Q6C032CA 1546410 1891952 7C166C032BA 7C166049BB	2006 →	16				258766



Sin M8
Without M8
Sans M8
Ohne M8



Sin Tubo de agua
Without Water pipe
Sans Tuyau d'eau
Ohne Wasserröhre



908268
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908768
908268 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Common Rail

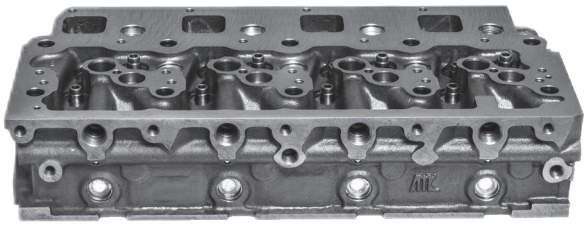
Remarks: Common Rail

Remarques: Common Rail

Bemerkungen: Common Rail

FREIGHTLINER

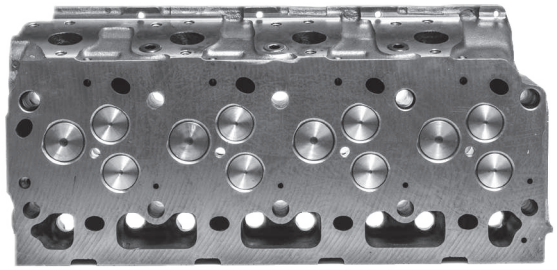
		Cm3	O. E.	YEARS				KIT	KIT
M2 100 20K M2 106 25K	OM904 OM924	4.2 4.8	9040103921	2005-2019	12				259088



909087
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Observaciones: Sin válvula Top Brake (EVB).
Ángulo de Escape: 36º
Euro 5 / Dolla del inyector M14X1

Remarques: Sans soupape Top Brake (EVB).
Angle d'échappement: 36º
Euro 5 / Douille d'injecteur M14X1

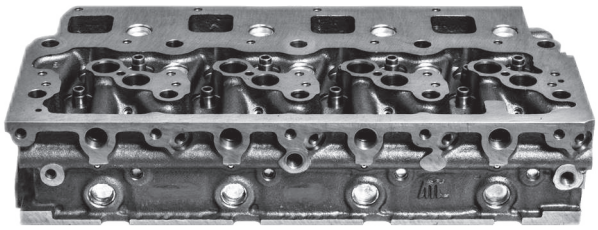


909187
909087 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks: Without Top Brake valve (EVB).
Exhaust Angle: 36º
Euro 5 / Injector sleeve M14x1

Bemerkungen: Ohne ventile Top Brake (EVB).
Auslasswinkel: 36º
Euro 5 / Einspritzhülse M14X1

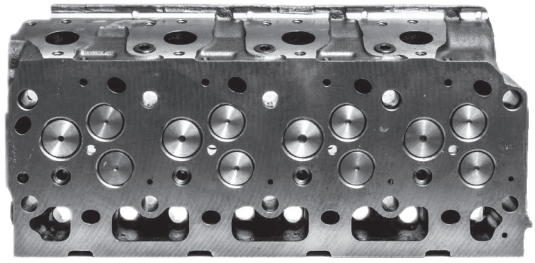
M2 100 20K	OM904 OM924	4.2 4.8	9040103521	2013 →	12				259088



909089
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Observaciones: Ángulo de Escape: 36º / Euro 5 / Dolla del inyector M14X1
-**909189**: Sistema EVB. Válvula EVB no incluida.
-**909289**: Sistema EVB. Válvula EVB incluida.

Remarques: Angle d'échappement: 36º / Euro 5 / Douille d'injecteur M14X1
-**909189**: Système EVB. Soupape EVB non incluse.
-**909289**: Système EVB. Soupape EVB incluse.



909189
909089 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

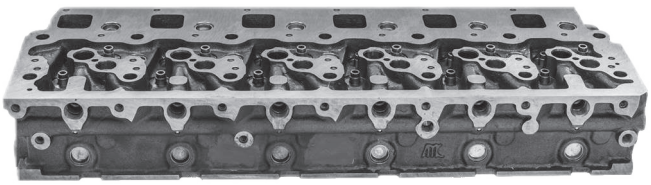
909289
909089 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks: Exhaust Angle: 36º / Euro 5 / Injector sleeve M14x1
-**909189**: EVB System. EVB valve not included.
-**909289**: EVB System. EVB valve included.

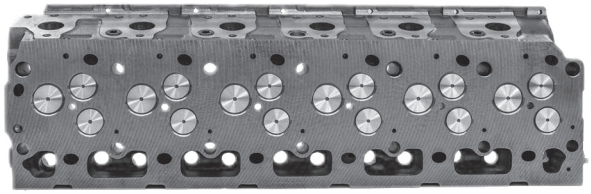
Bemerkungen: Auslasswinkel: 36º / Euro 5 / Einspritzhülse M14X1
-**909189**: System EVB. EVB-Ventil nicht im lieferumfang enthalten.
-**909289**: System EVB. EVB-Ventil im lieferumfang enthalten.

FREIGHTLINER

		Cm3	O. E.	YEARS				KIT	KIT
M2 100 20k	OM906 OM926	6.4 7.2	9060108221	2004 →	18				259080



909400
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909500
909400 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

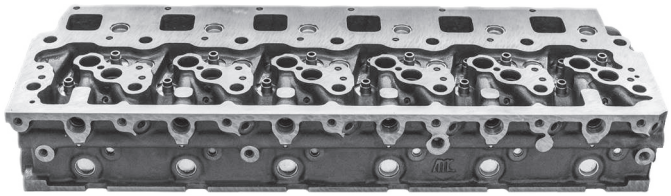
Observaciones: Sin válvula Top Brake (EVB).
Ángulo de Escape: 45º
Euro 3 y 4 / Dolla del inyector M14X1

Remarks: Without Top Brake valve (EVB).
Exhaust Angle: 45º
Euro 3 and 4 / Injector sleeve M14x1

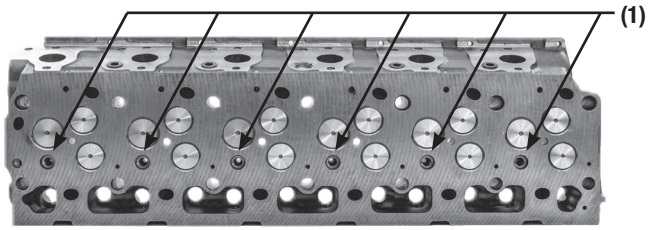
Remarques: Sans soupape Top Brake (EVB).
Angle d'échappement: 45º
Euro 3 et 4 / Douille d'injecteur M14X1

Bemerkungen: Ohne ventile Top Brake (EVB).
Auslasswinkel: 45º
Euro 3 und 4 / Einspritzhülse M14X1

M2 100 35K M2 106 35K M2 106 52K	OM906 OM926	6.4 7.2	9060107621	2006-2018	18				259080



909402
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909502
909402 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

909602
909402 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Ángulo de Escape: 36º. Euro 5 / Dolla del inyector M14X1
(1) Sistema EVB.
-909502: Sistema EVB. Válvula EVB no incluida.
-909602: Sistema EVB. Válvula incluida.

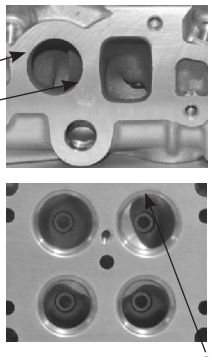
Remarks: Exhaust Angle: 36º. Euro 5 / Injector sleeve M14x1
(1) EVB System.
-909502: EVB System. EVB valve not included.
-909602: EVB System. EVB valve included.

Remarques: Angle d'échappement: 36º. Euro 5 / Douille d'injecteur M14X1
(1) Système EVB.
-909502: Système EVB. Soupape EVB non incluse.
-909602: Système EVB. Soupape EVB incluse.

Bemerkungen: en.Auslasswinkel: 36º. Euro 5 / Einspritzhülse M14X1
(1) System EVB.
-909502: System EVB. EVB-Ventil nicht im lieferumfang enthalten.
-909602: System EVB. EVB-Ventil im lieferumfang enthalten.

HITACHI

		Cm3	O. E.	YEARS				KIT	KIT
Industrial ZX130-3	4JJ1X	2.5 DITD 3.0 DITD	8982230192 8973559709 8981756061	2008 - 2013	16		647177 Adm. / Inlet O.E. 8980031293 647178 Esc. / Exhaust O.E. 8980031303		258350



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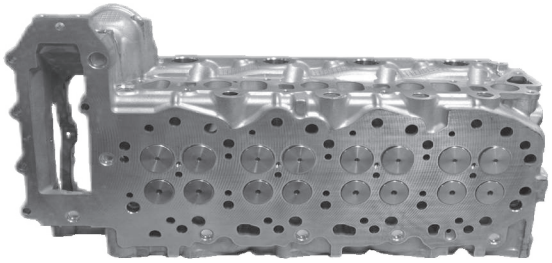


908350
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908450
908350 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

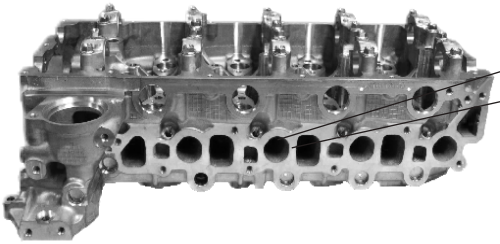
Observaciones: Salida inyector cara de camaras ø4.5mm.
(1) Asiento valvulas sin chaflan.

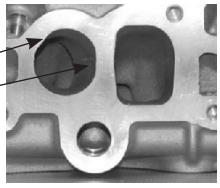
Remarks: Inyector exit ø4.5mm on fire face.
(1) Valve seats without chamfer.

Remarques: Sortie injecteur face chambre ø4,5mm.
(1) Siège de soupape sans chanfrein.

Bemerkungen: Auslass des Kammerflächeninjektors ø4,5 mm.
(1) Ventilsitz ohne Fase.

INDUSTRIAL EXCAVATION	4JJ1TCS 4JJ1TCX 4JK1TC 4JK1TCS 4JK1TCX 4JK1TCY	2.5 DITD 3.0 DITD	8980883714 8982174550	2011 → 2012 2014 → 2016 2012 → 2017	16		647179 Adm. / Inlet O.E. 8973286429 647180 Esc. / Exhaust O.E. 8973286449	647179K = 647179 647180 + o o o o	258350





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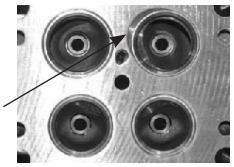
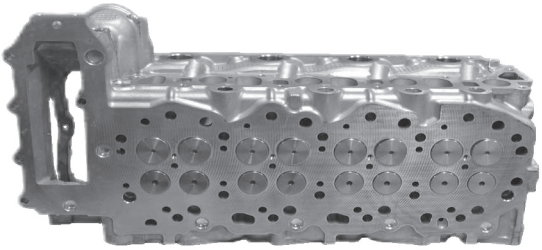




908351
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908451
908351 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
Salida inyector cara de camaras ø4.5mm.
(1) Asiento valvulas con chaflan

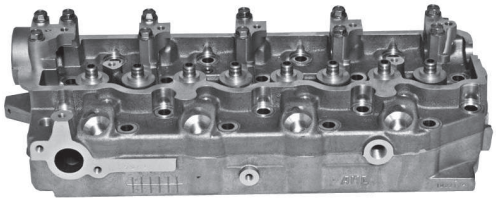
Remarks: Inyector exit ø4.5mm on fire face.
(1) Valve seats with chamfer.

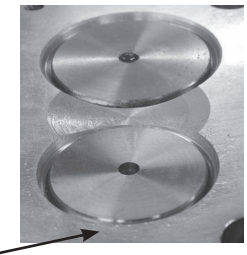
Remarques:
Face de chambre sortie injecteur ø4.5mm.
(1) Siège de soupape avec chanfrein

Bemerkungen:
Auslass des Kammerflächeninjektors ø4,5 mm.
(1) Ventilsitz mit Fase.

HYUNDAI

		Cm3	O. E.	YEARS			KIT	KIT
H1 H100	D4BH	2.5 TD 2476	2210042420 2210042421 2210042400 2210042401 2210042402	2002 →	8		665842 O.E. 2410042500 2411042501 2411042502	258512





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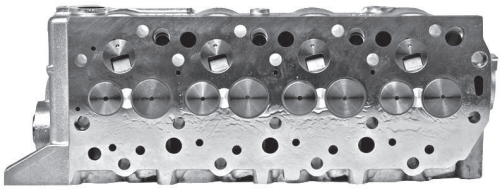


908772
Guías + Asientos profundos + Precámaras
Guides + Deep Seats + P.C. Chambers
Guides + Sièges + Chambres de precombustion
Führungen + Tiefe Ventilsitze + Vorkammern

908372
908772 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908872
908772 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

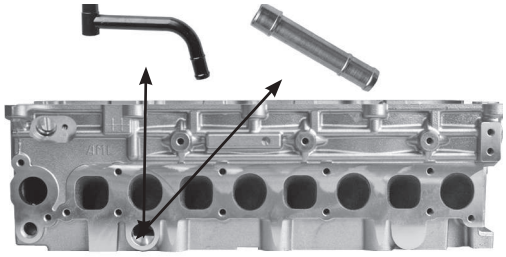
Observaciones: Inyectores ø 20 mm. (1) Válvulas hundidas respecto del plano de la culata. Válvula admisión ø 40 mm. Válvula de escape ø 34 mm. Altura válvulas 130 mm.

Remarks: Injectors ø 20 mm. (1) Valves under main surface level. Inlet valve ø 40 mm. Exhaust valve ø 34 mm. Valve's height 130 mm.

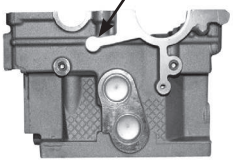
Remarques: Sièges profonds. Fixation injecteurs 20 mm. Livrée avec les chapeaux de paliers d'arbres a cames. Soupapes: Diamètre adm 40 ech 34 mm. Hauteur soupapes 130 mm.

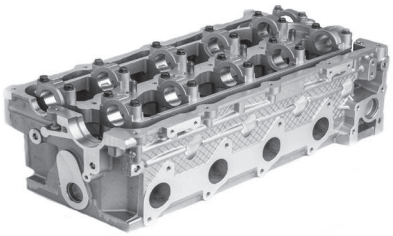
Bemerkungen: 20 mm Düsendurchmesser. (1) Ventile stehen unter die Einspritzdüsen. Einlassventil 40 mm Durchmesser. Auslassventil 34 mm. Ventilshöhe 130 mm. Ventile stehen über die Einspritzdüsen.

H1 H100 Starex	D4CB	2.5 TCI 2497	221004A020 221004A025 221004A030 221004A040 221004A050 221004A060	2003 / 06	16				258751



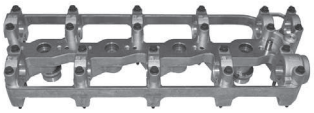
Sin taladro.
No drill.





908751
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908754
908751 +:
Culatin de árbol de levas
Camshaft cover
Couvercle de l'arbre à cames
Nochenwellenkappe



670548
Culatin de árbol de levas
Camshaft cover
Couvercle de l'arbre à cames
Nochenwellenkappe

908851
908751 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908854
908851 +:
Culatin de árbol de levas
Camshaft cover
Couvercle de l'arbre à cames
Nochenwellenkappe

Observaciones: El juego de accesorios lleva las dos variantes de tubo de agua que se pueden montar en esta culata.

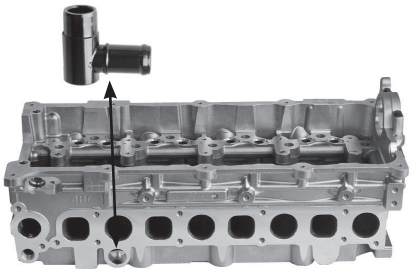
Remarks: Accesory bag includes two water pipes variants suitable for this head

Remarques: Dans le sachet d'accessoires il y a les deux modèles des tuyaux d'eau qui peuvent être montés sur cette culasse.

Bemerkungen: Im Zubehörsatz gibt es zwei Varianten vom Wasserrohr, die beide passend für diesen Kopf sind.

HYUNDAI

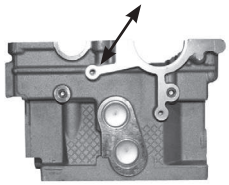
		Cm3	O. E.	YEARS				KIT	KIT
H1 H100 Starex	D4CB-VGT	2.5 TCI 2497	221004A210 221004A250 221004A400 221004A410	2006 / 2009	16				258751

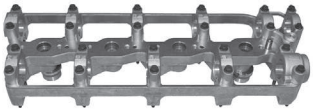


908752
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

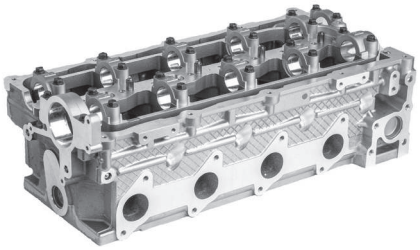
908755
908752 +:
Culatin de árbol de levas
Camshaft cover
Couvercle de l'arbre à cames
Nochenwellenkappe

Con taladro.
Drilled.





670549
Culatin de árbol de levas
Camshaft cover
Couvercle de l'arbre à cames
Nochenwellenkappe



908852
908752 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908855
908852 +:
Culatin de árbol de levas
Camshaft cover
Couvercle de l'arbre à cames
Nochenwellenkappe

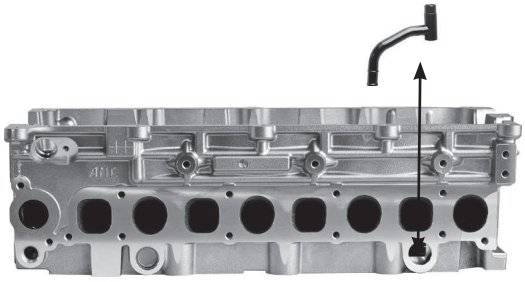
Observaciones:

Remarks:

Remarques:

Bemerkungen:

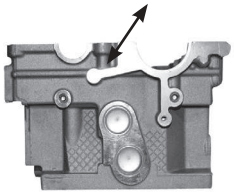
Starex	D4CB-VGT	2.5 TCI 2497	221004A010	2002 / 09	16				258751

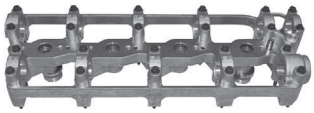


908753
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

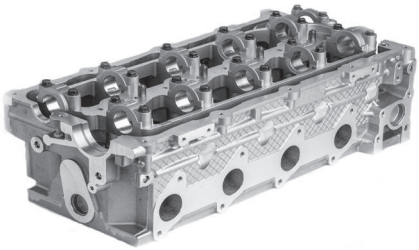
908756
908753 +:
Culatin de árbol de levas
Camshaft cover
Couvercle de l'arbre à cames
Nochenwellenkappe

Sin taladro.
No drill.





670548
Culatin de árbol de levas
Camshaft cover
Couvercle de l'arbre à cames
Nochenwellenkappe



908853
908753 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908856
908853 +:
Culatin de árbol de levas
Camshaft cover
Couvercle de l'arbre à cames
Nochenwellenkappe

Observaciones:

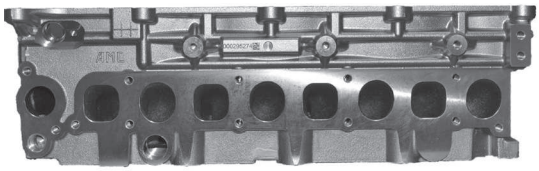
Remarks:

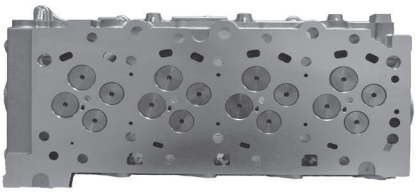
Remarques:

Bemerkungen:

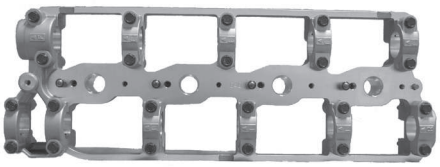
HYUNDAI

		Cm3	O. E.	YEARS				KIT	KIT
H1 Starex Libero	D4CB	2.5 TCI	221004A300 221004A310 221004A310A	2007	16				258751





908776
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908876
908776 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908777
908776 + :
Culatin de árbol de levas **670649**
Camshaft cover **670649**
Couvercle de l'arbre à cames **670649**
Nochenwellenkappe **670649**

670649
Culatin de árbol de levas
Camshaft cover
Couvercle de l'arbre à cames
Nochenwellenkappe

908877
908876 + :
Culatin de árbol de levas **670649**
Camshaft cover **670649**
Couvercle de l'arbre à cames **670649**
Nochenwellenkappe **670649**

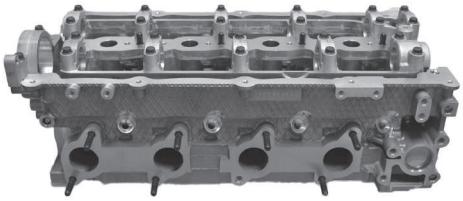
Observaciones:

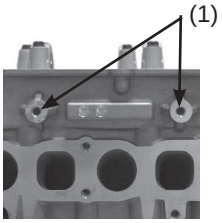
Remarks:

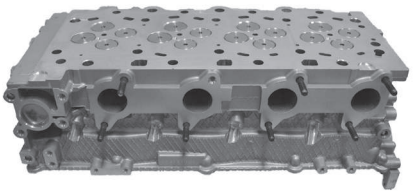
Remarques:

Bemerkungen:

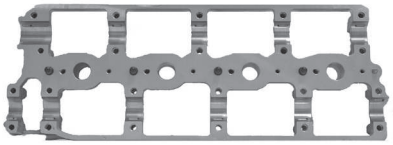
Grand Starex Porter II H200	D4CB	2.5 TCI	5J0254AU00 5J0154AU00 221004A700 221004A701	2013 → 2016 →	16				258751







908778
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908878
908778 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908779
908778 +:
Culatin de árbol de levas **670650**
Camshaft cover **670650**
Couvercle de l'arbre à cames **670650**
Nochenwellenkappe **670650**

670650
Culatin de árbol de levas
Camshaft cover
Couvercle de l'arbre à cames
Nochenwellenkappe

908879
908878 +:
Culatin de árbol de levas **670650**
Camshaft cover **670650**
Couvercle de l'arbre à cames **670650**
Nochenwellenkappe **670650**

Observaciones: (1) 2 taladros de ø 8 mm en la cara de colectores. Euro 5.

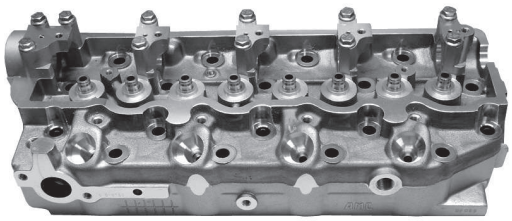
Remarks: (1) 2 drill holes 8 mm diameter on manifold's side. Euro 5.

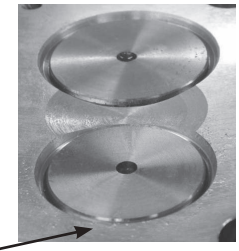
Remarques: (1) 2 trous diamètre 8 sur face des collecteurs. Euro 5.

Bemerkungen: (1) 2 Bohrungen 8 mm diameter auf Einlassseite. Euro 5.

HYUNDAI

		Cm3	O. E.	YEARS				KIT	KIT
H1 H100	4D56T D4BA D4BH	2.5 TD 2476	2200042A20 2200142A20 2210042521 2210042523 2210042522 2210042880	94 / 98 98 →	8		664841		258512





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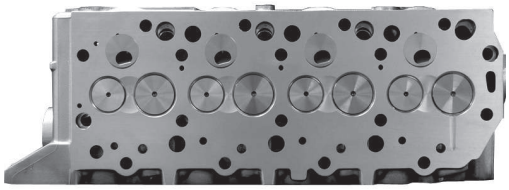


908513
Guías + Asientos profundos + Precámaras
Guides + Deep Seats + P.C. Chambers
Guides + Sièges + Chambres de precombustion.
Führungen + Tiefe Ventilsitze + Vorkammern

908313
908513 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908613
908513 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Observaciones: Inyectores ø 20 mm. (1) Válvulas hundidas respecto del plano de la culata. Válvula admisión ø 40 mm. Válvula de escape ø 34 mm. Altura válvulas 130 mm.

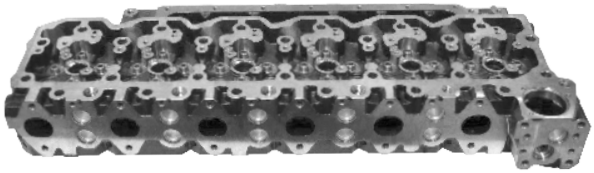
Remarks: Injectors ø 20 mm. (1) Valves under main surface level. Inlet valve ø 40 mm. Exhaust valve ø 34 mm. Valve's height 130 mm.

Remarques: Sièges profonds. Fixation injecteurs 20 mm. Livrée avec les chapeaux de paliers d'arbres a cames. Soupapes: Diamètre adm 40 ech 34 mm. Hauteur soupapes 130 mm.

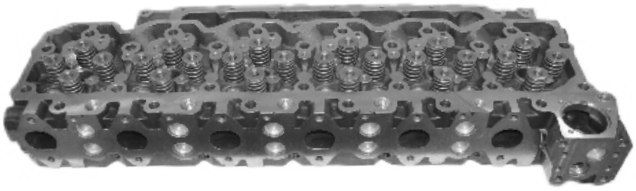
Bemerkungen: 20 mm Düsendurchmesser. (1) Ventile stehen unter die Einspritzdüsen. Einlassventil 40 mm Durchmesser. Auslassventil 34 mm. Ventilshöhe 130 mm. Ventile stehen über die Einspritzdüsen.

IRIZAR

		Cm3	O. E.	YEARS			KIT	KIT
i3 300 Hybrid	ISB	6.7	1899587 2831274 2831279 8099005 4893050 5361582	2017 →				259421



909421
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909521
909421 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:

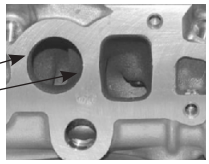
Remarks:

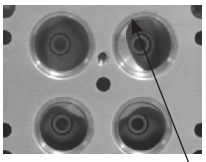
Remarques:

Bemerkungen:

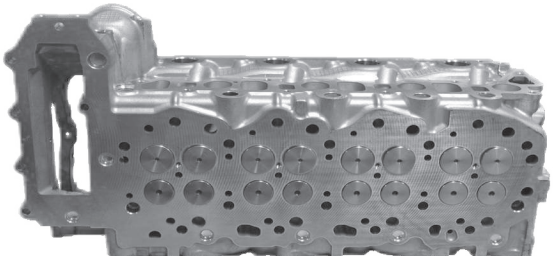
ISUZU

		Cm3	O. E.	YEARS				KIT	KIT
D-MAX ELF200 ELF 300 ELF NKR ELF NLR ELF NMR ELF NNR ELF NPR	ELF N50 ELF FORWARD ELF GRAFTER KB250 KB300	4JJ1TC 4JJ1TCC 4JJ1TCS 4JJ1TCX 4JK1TC 4JK1TCX	2.5 DITD 3.0 DITD	8982230191 8982230192 8973559708 8973559709 8981756060 8981756061 8981756062 8973559707 8973559706 8979450410	2003 → 2010 2006 → 2010 2013 2011 → 2013	16		* 647177 Adm. / Inlet O.E. 8982889401 * 647178 Esc. / Exh O.E. 8982889461 647179 Adm. / Inlet O.E. 8973286429 647180 Esc. / Exhaust O.E. 8973286449	* 647177K = 647177 + 647178 o o o o 647179K = 647179 + 647180 o o o o	258350





(1)



908350
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908450
908350 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

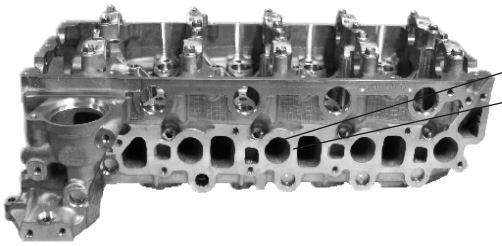
Observaciones:
Salida inyector cara de camaras ø4.5mm.
(1) Asiento valvulas sin chaflan.
*** Para modelos ELF utilizar el KIT 647177K**

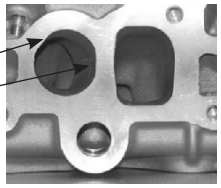
Remarks:
Inyector exit ø4.5mm on fire face.
(1) Valve seats without chamfer.
*** For ELF models use KIT 647177K**

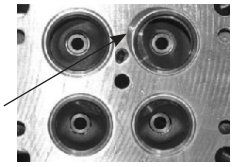
Remarques:
Sortie injecteur face chambre ø4,5mm.
(1) Siège de soupape sans chanfrein.
*** Pour les modèles ELF, utilisez le KIT 647177K**

Bemerkungen:
Auslass des Kammerflächeninjektors ø4,5 mm.
(1) Ventilsitz ohne Fase.
*** Für ELF-Modelle KIT 647177K verwenden**

D-Max RT50	4JJ1TCS 4JJ1TCX 4JK1TC 4JK1TCS 4JK1TCX 4JK1TCY	2.5 DITD 3.0 DITD	8980883714 8982174550	2011 → 2012 2014 → 2016 2012 → 2017	16		647179 Adm. / Inlet O.E. 8973286429 647180 Esc. / Exhaust O.E. 8973286449	647179K = 647179 + 647180 o o o o	258350







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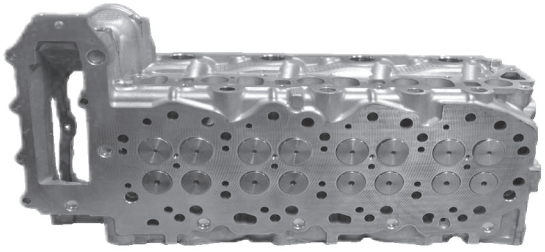


908351
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908451
908351 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
Salida inyector cara de camaras ø4.5mm.
(1) Asiento valvulas con chaflan

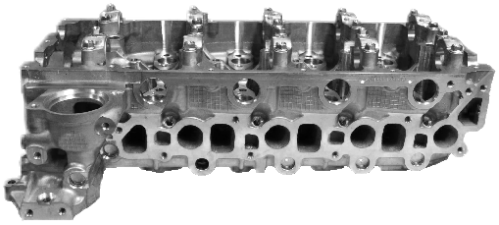
Remarks: Inyector exit ø4.5mm on fire face.
(1) Valve seats with chamfer.

Remarques:
Face de chambre sortie injecteur ø4.5mm.
(1) Siège de soupape avec chanfrein

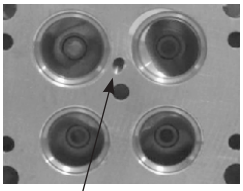
Bemerkungen:
Auslass des Kammerflächeninjektors ø4,5 mm.
(1) Ventilsitz mit Fase.

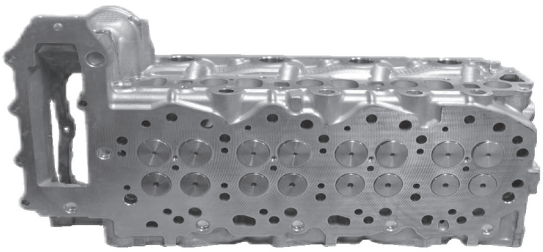
ISUZU

		Cm3	O. E.	YEARS				KIT	KIT
D-MAX II	4JK1TCY	2.5 D	8982174580	2012 ->	16		647179 Adm. / Inlet O.E. 8973286429 647180 Esc. / Exhaust O.E. 8973286449	**647179K** = 647179 647180 + o o o o	258350



908352
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze





908452
908352 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
(1). Salida inyector cara de camaras ø5.1mm

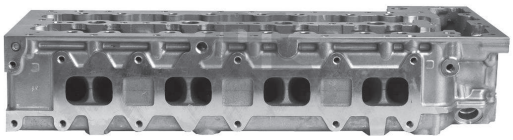
Remarks:
(1). Inyector exit ø5.1mm on fire face

Remarques:
(1). Sortie injecteur face caméra ø5.1mm

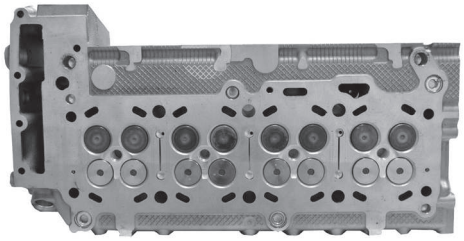
Bemerkungen:
(1). Auslass des Kamera-Einspritzventils ø5,1 mm

IVECO

		Cm3	O. E.	YEARS				KIT	KIT
Daily Irisbus	F1CE0441A F1CFA401A	3.0 Gasolina Metano Petrol CNG	504278047 500059536 71771717	2006 / 2014	16	670381 O.E. 504380370 504074464 504014269 504367673 5801455560	6647271 Adm. / Inlet OE. 504246092 OE. 504246094 OE. 504286094 647272 Esc. / Exhaust OE. 504246091 OE. 504246093 OE. 504080985	647271K = 647271 647272 + 16 0 0 0	258546



910546
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



910646
910546 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

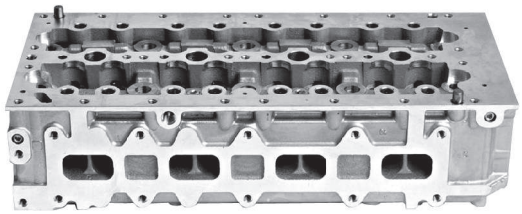
Observaciones: Gasolina - GNC - Gas Natural Comprimido
EURO 6

Remarks: Petrol / Gasoline - CNG - Compressed Natural Gas
EURO 6

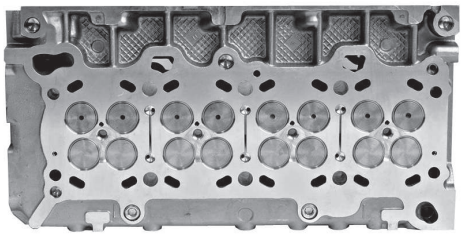
Remarques: Essence - GNC - Gaz Naturel Comprimé
EURO 6

Bemerkungen: Benzin - Komprimiertes Erdgas
EURO 6

Daily	F1AE0481 F1AE0481A F1AE0481B F1AE0481F F1AE0481G F1AE0481H F1AE0481M	F1AE3481 F1AE3481A F1AE3481B F1AFL411A F1AFL411B F1AFL411C	2.3 JTD 2286	71796192 71795640 504378073 5801485124 504378075	2002 → 2009 2006 → 2011 → 2009 → 2011	16	670381 O.E. 504380370 504074464 504014269 504367673 5801455560	647273 Adm./ Inlet OE 504096185 OE 504174770 OE 504006993 647274 Esc./Exhaust OE 504096183 OE 504174775 OE 504006995	647273K = 647273 647274 + 16 0 0 0	258545



908345
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



908445
908345 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Zona de contacto del inyector: plana. Euro 5

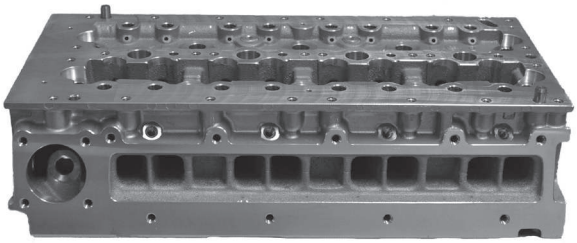
Remarks: Contact area with injector: flat. Euro 5

Remarques: Zone de contact avec injecteur: lisse. Euro 5

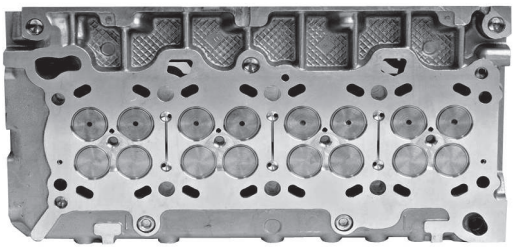
Bemerkungen: Kontaktbereich mit injektor: glatt. Euro 5

IVECO

		Cm3	O. E.	YEARS				KIT	KIT
Daily	F1AFL411A F1AGL411G F1AFL411B F1AGL411L F1AFL411C F1AGL411N F1AGL411H F1AGL411S F1AGL411J F1AGL411R	2.3 MJTD 2287	5802227765 71796909	2014 →	16	670381 O.E. 504380370 504074464 504014269 504367673 5801455560	647273 Adm./ Inlet OE 504096185 OE 504174770 OE 504006993 647274 Esc./Exhaust OE 504096183 OE 504174775 OE 504006995	647273K = 647273 647274 + 16 0 0 0	258345



908245
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



908945
908245 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

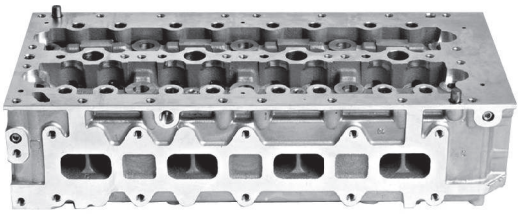
Observaciones: Euro 6

Remarks: Euro 6

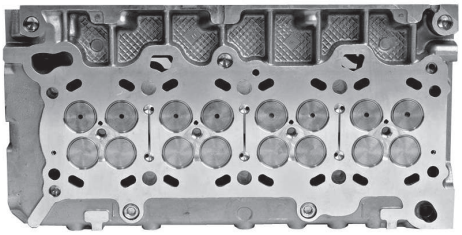
Remarques: Euro 6

Bemerkungen: Euro 6

Daily	F1AE F1AE0481 F1A30481B	2.3 JTD 2287	71752505 71771718 504049268	2006 →	16	670381 O.E. 504380370 504074464 504014269 504367673 5801455560	647273 Adm./ Inlet OE 504096185 OE 504174770 OE 504006993 647274 Esc./Exhaust OE 504096183 OE 504174775 OE 504006995	647273K = 647273 647274 + 16 0 0 0	258545



908545
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



908645
908545 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Zona de contacto del inyector: cónica. Euro 4

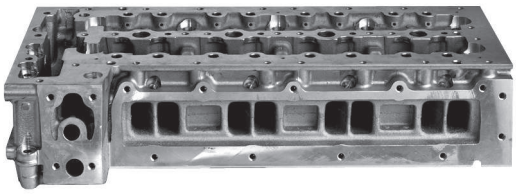
Remarks: Contact area with injector: conical. Euro 4

Remarques: Zone de contact avec injecteur: conique. Euro 4

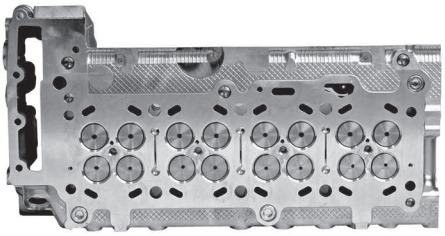
Bemerkungen: Kontaktbereich mit injektor: konisch. Euro 4

IVECO

		Cm3	O. E.	YEARS				KIT	KIT
Daily	F1CE F1CE0481B	3.0 JTD 2998	504110672	2004 →	16	670381 O.E. 504074464 504380370 504014269 504367673 5801455560	647271 Adm. / Inlet OE. 504246092 OE. 504246094 OE. 504286094 647272 Esc. / Exhaust OE. 504246091 OE. 504246093 OE. 504080985	647271K = 647271 647272 + 16 0 0 0	258546



908546
Guías + Asientos.
Guides + Seatss.
Guides + Sièges.
Führungen + Sitze.



908646
908546 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

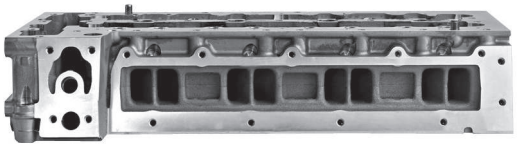
Observaciones: Euro 3

Remarks: Euro 3

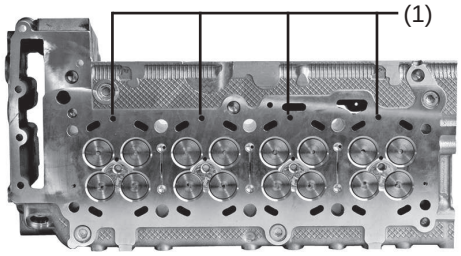
Remarques: Euro 3

Bemerkungen: Euro 3

Daily	F1CE F1CE 0481F F1CE 0481H F1CE 0481M	3.0 MJTD 2987	71771719 500059538 504213159 504127096	2006 →	16	670381 O.E. 504074464 504380370 504014269 504367673 5801455560	647271 Adm. / Inlet OE. 504246092 OE. 504246094 OE. 504286094 647272 Esc. / Exhaust OE. 504246091 OE. 504246093 OE. 504080985	647271K = 647271 647272 + 16 0 0 0	258546



908585
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



908685
908585 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: (1) Taladros de recirculación. Euro 4

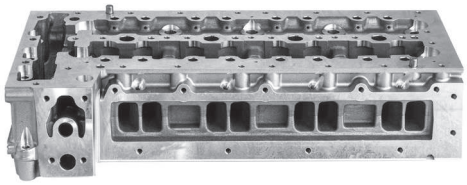
Remarks: (1) Recirculation holes. Euro 4

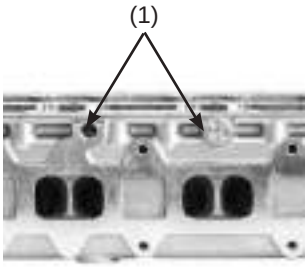
Remarques: (1) Des trous pour le recirculation. Euro 4

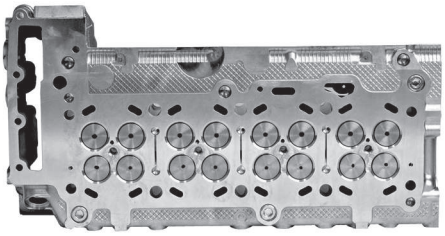
Bemerkungen: (1) Löcker für die Rückführung. Euro 4

IVECO

		Cm3	O. E.	YEARS				KIT	KIT
Daily	F1CE3481C F1CE3481E F1CE3481J F1CE3481K F1CE3481L F1CFL411H	3.0 JTD 2.998	502295007 504294722 504384837 504385398 500057291 500059539 500059540 71796186 71795015	2011 →	16	670381 O.E. 504074464 504380370 504014269 504367673 5801455560	647271 **Adm. / Inlet** OE. 504246092 OE. 504246094 OE. 504286094 647272 **Esc. / Exhaust** OE. 504246091 OE. 504246093 OE. 504080985	**647271K** = 647271 647272 + 16 0 0 0	258546







908559
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

908659
908559 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

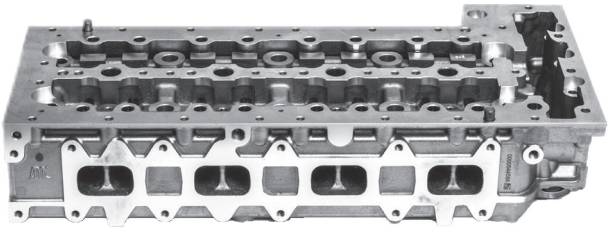
Observaciones: Válida para motores Turbo y Biturbo. (1) 2 taladros de ø 14 mm en la cara de colectores. Euro 5.

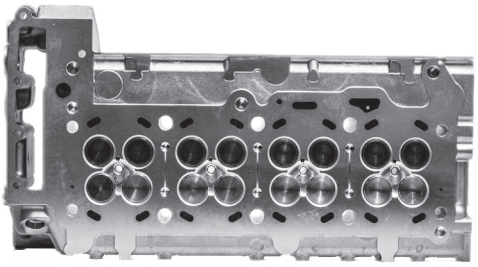
Remarks: Valid for Turbo and Biturbo engines. (1) 2 drill holes 14 mm diameter on manifold's side. Euro 5.

Remarques: Valable pour les moteurs Turbo et Biturbo. (1) 2 trous diamètre 14 sur face des collecteurs. Euro 5

Bemerkungen: Das ist gilt für Turbo und Biturbo. (1) 2 Bohrungen 14 mm diameter auf Einlassseite. Euro 5

Daily	F1CGL411AE F1CGL411BE	3.0 JTD 2998	5802114243	2016 →	16	670381 O.E. 504074464 504380370 504014269 504367673 5801455560	647271 **Adm. / Inlet** OE. 504246092 OE. 504246094 OE. 504286094 647272 **Esc. / Exhaust** OE. 504246091 OE. 504246093 OE. 504080985	**647271K** = 647271 647272 + 16 0 0 0	258546





908346
Guías + Asientos.
Guides + Seatss.
Guides + Sièges.
Führungen + Sitze.

908446
908346 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Euro 6

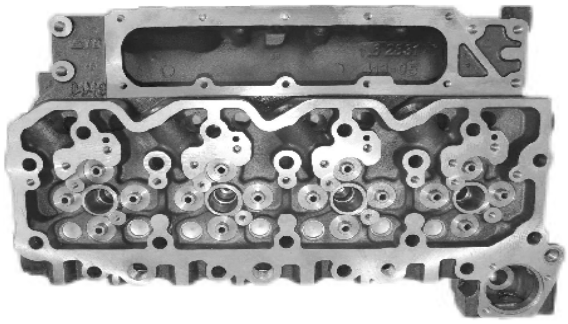
Remarks: Euro 6

Remarques: Euro 6

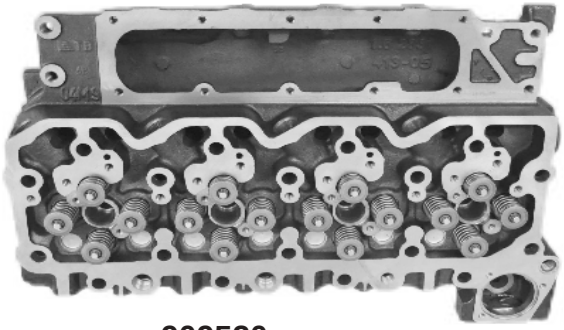
Bemerkungen: Euro 6

IVECO

		Cm3	O. E.	YEARS				KIT	KIT
EUROCARGO I - V EUROFIRE VERTIS	F4AE0481 A/C/D F4AE3481 A/B/C/D F4AFE411 A/B/C/E/F F4AFE412 NEF4	3.9 4.5	2831261 2831266 4893060	2000 - 2015 2013 ->	16				259420



909420
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909520
909420 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

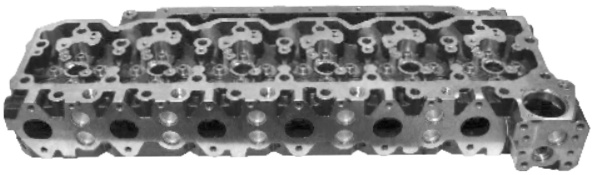
Observaciones:
EURO 3, 4, 5, 6

Remarks:
EURO 3, 4, 5, 6

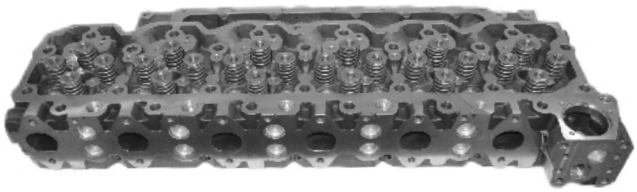
Remarques:
EURO 3, 4, 5, 6

Bemerkungen:
EURO 3, 4, 5, 6

EUROCARGO I - V CROSSWAY EUROFIRE IRISBUS CROSSWAY	F4AE0681 A/B/C/D/E F4AE3681 A/B/C/D/E F4AFE611 A/C/D/E N6 / NEF6	5.9 6.7	2831274 2831279 2995452 8099005 4893051	2000 - 2015 2013 →	24				259421



909421
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909521
909421 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
EURO 3 (2000 / 08) / EURO 4 (2002 / 08)
EURO 4, 5, 6 (2008 / 13) EURO 7 (2013 →)

Remarks:
EURO 3 (2000 / 08) / EURO 4 (2002 / 08)
EURO 4, 5, 6 (2008 / 13) EURO 7 (2013 →)

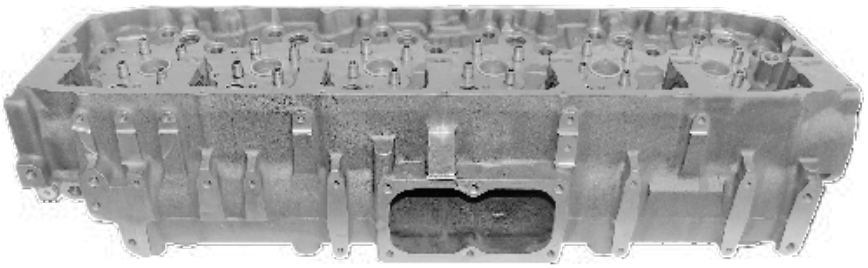
Remarques:
EURO 3 (2000 / 08) / EURO 4 (2002 / 08)
EURO 4, 5, 6 (2008 / 13) EURO 7 (2013 →)

Bemerkungen:
EURO 3 (2000 / 08) / EURO 4 (2002 / 08)
EURO 4, 5, 6 (2008 / 13) EURO 7 (2013 →)

IVECO

		Cm3	O. E.	YEARS				KIT	KIT
CITYCLASS TRAKKER EUROTECH STRALIS EUROTRAKKER BUS IRISBUS ARWAY IRISBUS AXER IRISBUS CITELIS IRISBUS EURORIDER 8	F2BE0681 A/B/C/D/E/F F2BE1682 D/G F2BE3681 A/B/C F2BE3682 A/B/C/D	7.8 7790	500370212	1998 →	24				259422

909422
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909522
909422 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: CURSOR 8

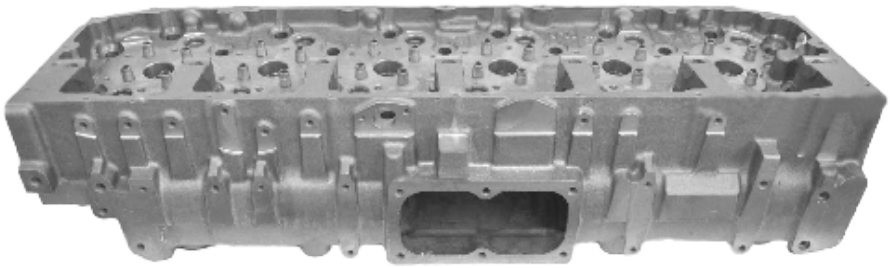
Remarks: CURSOR 8

Remarques: CURSOR 8

Bemerkungen: CURSOR 8

INDUSTRIAL BUS	F2CFE611	8.7 8709	504227730 5801889600 5801476005 5801823993			24			259422

909423
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909523
909423 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: CURSOR 8 - CURSOR 9

Remarks: CURSOR 8 - CURSOR 9

Remarques: CURSOR 8 - CURSOR 9

Bemerkungen: CURSOR 8 - CURSOR 9

IVECO

		Cm3	O. E.	YEARS				KIT	KIT
Bus	8469.21 S	9.5	500331628 504015831		12				259426

909426
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

909526
909426 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: **GAS / CNG**

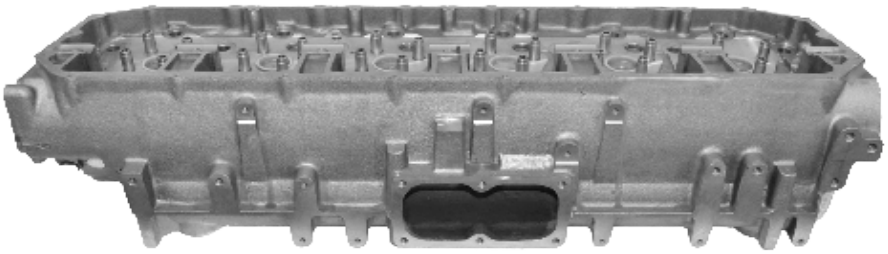
Remarks: **GAS / CNG**

Remarques: **GAS / CNG**

Bemerkungen: **GAS / CNG**

STRALIS IRISBUS EURORIDER	F3AE3681 A/B/D	10.3 10308	504207966 504352487 5801478431 500060968 2995460	2006 →	24				259424

909424
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909524
909424 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
CURSOR 10 - EURO 4 - 5

Remarks:
CURSOR 10 - EURO 4 - 5

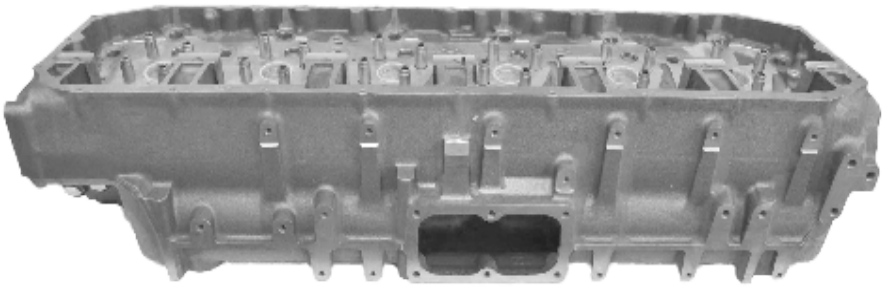
Remarques:
CURSOR 10 - EURO 4 - 5

Bemerkungen:
CURSOR 10 - EURO 4 - 5

IVECO

		Cm3	O. E.	YEARS				KIT	KIT
STRALIS TRAKKER	F3BE3681 A/B/C/D/F/G	12.9 12882	504235483 5802530369	2007 →	16				259425

909425
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909525
909425 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
CURSOR 13 - EURO 4 - 5

Remarks:
CURSOR 13 - EURO 4 - 5

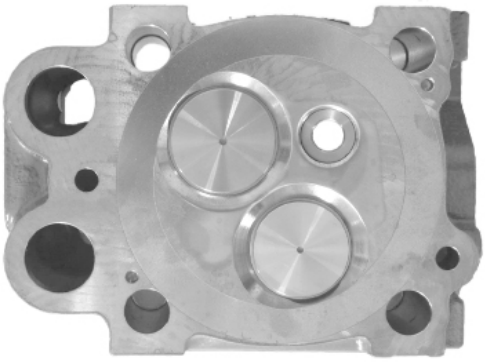
Remarques:
CURSOR 13 - EURO 4 - 5

Bemerkungen:
CURSOR 13 - EURO 4 - 5

JENBACHER

		Cm3	O. E.	YEARS				KIT	KIT
TIPO 3	J312 J316 J320	29.2 38.9 48.7	541925 9016986	2000 →	2				

909250
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909350
909250 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: **GAS / BIOGAS**

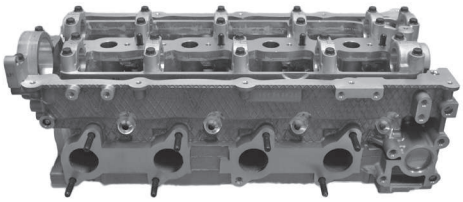
Remarks: **GAS / BIOGAS**

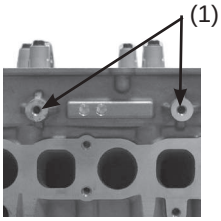
Remarques: GAS / BIOGAS

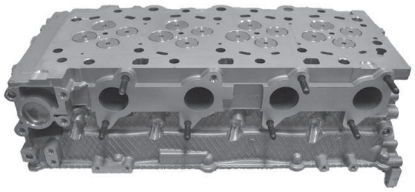
Bemerkungen: GAS / BIOGAS

KIA

		Cm3	O. E.	YEARS				KIT	KIT
Bongo II	D4CB	2.5 TCI	5J0254AU00 5J0154AU00 221004A700 221004A701	2013 →					258751

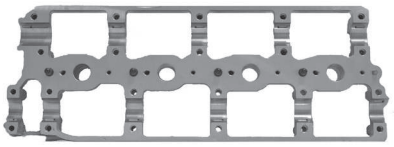






908778
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908779
908778 +:
Culatin de árbol de levas **670650**
Camshaft cover **670650**
Couvercle de l'arbre à cames **670650**
Nochenwellenkappe **670650**



670650
Culatin de árbol de levas
Camshaft cover
Couvercle de l'arbre à cames
Nochenwellenkappe

908878
908778 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908879
908878 +:
Culatin de árbol de levas **670650**
Camshaft cover **670650**
Couvercle de l'arbre à cames **670650**
Nochenwellenkappe **670650**

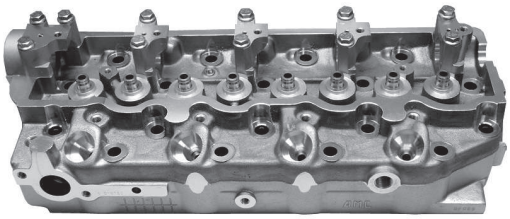
Observaciones: (1) 2 taladros de ø 8 mm en la cara de colectores. Euro 5.

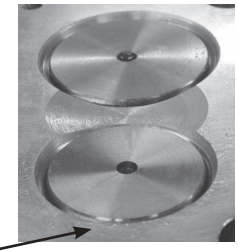
Remarks: (1) 2 drill holes 8 mm diameter on manifold's side. Euro 5.

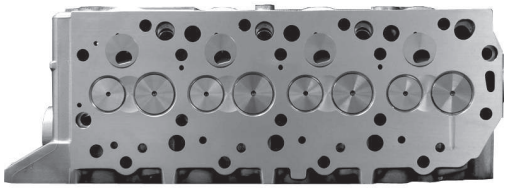
Remarques: (1) 2 trous diamètre 8 sur face des collecteurs. Euro 5.

Bemerkungen: (1) 2 Bohrungen 8 mm diameter auf Einlassseite. Euro 5.

Besta Bongo	D4BH	2.5 TD 2477	2200042A20 2200142A20 2210042521 2210042523 2210042880		8		664841		258512







908513
Guías + Asientos profundos + Precámaras
Guides + Deep Seats + P.C. Chambers
Guides + Sièges + Chambres de precombustion
Führungen + Tiefe Ventilsitze + Vorkammern

908313
908513 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908613
908513 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Observaciones: Inyectores ø 20 mm. (1) Válvulas hundidas respecto del plano de la culata. Válvula admisión ø 40 mm. Válvula de escape ø 34 mm. Altura válvulas 130 mm.

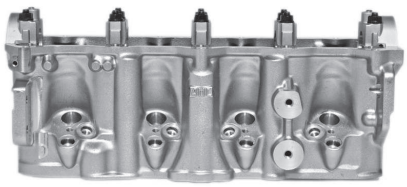
Remarks: Injectors ø 20 mm. (1) Valves under main surface level. Inlet valve ø 40 mm. Exhaust valve ø 34 mm. Valve's height 130 mm.

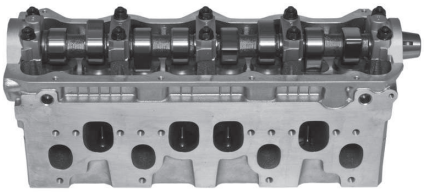
Remarques: Sièges profonds. Fixation injecteurs 20 mm. Livrée avec les chapeaux de paliers d'arbres a cames. Soupapes: Diamètre adm 40 ech 34 mm. Hauteur soupapes 130 mm.

Bemerkungen: 20 mm Düsendurchmesser. (1) Ventile stehen unter die Einspritzdüsen. Einlassventil 40 mm Durchmesser. Auslassventil 34 mm. Ventilshöhe 130 mm. Ventile stehen über die Einspritzdüsen.

LINDE (Forklift-Industrial)

		Cm3	O. E.	YEARS				KIT	KIT
H20D H25D	BEQ BJC BXT BEU	1.9 SDI TDI 1896	038103351B 038103265BX	1997 / 04	8	665786 O.E. 050109309H	655882 O.E.038109101E 647060 O.E.038109101K	655882K = 655882 647060K = 647060 + 8 1 0 0	258010





908703
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908303
908703 +:
Válvulas + Muelles + Árbol de levas 655882
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen
655882 **Motor**: BEQ - BXT

908803
908703 +:
Válvulas + Muelles + Árbol de levas 647060
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen
647060 **Motor**: BJC - BEU

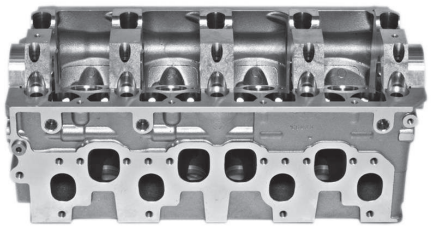
Observaciones: **Con empujadores hidráulicos. Inyección directa.** Sin precámaras. **7 Taladros M6 para sujeción tapa balancines.**
655882 Marca en fundición árbol de levas 038 E.
647060 Marca en fundición árbol de levas 038 K.

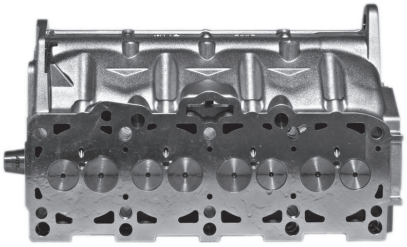
Remarks: **With hydraulic lifters. Direct injection.** Without P. C. Chambers. **7 Drill holes M6 to fit rocker cover.**
655882 Casting mark on camshaft 038E.
647060 Casting mark on camshaft 038K.

Remarques: Poussoirs hydrauliques. Injection directe. 7 Trous M6 pour fixation du culbuteur.
655882 Repère en fonte sur l'arbre à cames 038E.
647060 Repère en fonte sur l'arbre à cames 038K.

Bemerkungen: Mit hydraulischen Stösseln. Direkteinspritzer. Ohne Vorkammern. **Ventildeckel Dichtfläche mit 7 Bohrungen M6.**
655882 Gussmarke bei Nockenwellen 038E.
647060 Gussmarke bei Nockenwellen 038K.

Industrial H25D H30D H35D	CBHA CBJB	2.0 TDI 1998	03G103351C	2008 →	8	668581 O.E. 038109309C	666861 O.E. 038109101R	666861K = 666861 + 8 1 10 10	258709





908716
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908816
908716 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Observaciones: Con empujadores hidráulicos. Inyección directa.

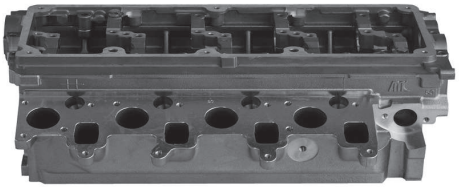
Remarks: With hydraulic lifters. Direct injection.

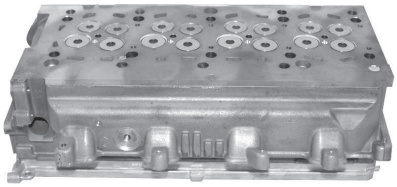
Remarques: Poussoirs hydrauliques. Injection directe.

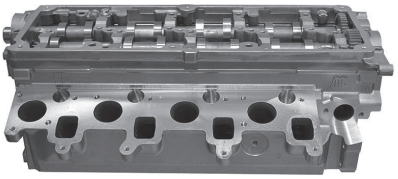
Bemerkungen: Mit hydraulischen Stösseln. Direkteinspritzer.

LINDE (Forklift-Industrial)

		Cm3	O. E.	YEARS				KIT	KIT
Industrial	CPYA	2.0 TDI 1968	03L103351K 03L103265BX 03L103351E	2008 →	16	670955 = 16 x 670371 O.E. 059109417F O.E. 059109417J + 16 x 670372 O.E.059109521A O.E.059109521G O.E.03L109521A O.E. 05L109521	647290 (Hollow) 647390 (Chill cast) Adm. / Inlet O.E. 03L109021D O.E. 03L109021 O.E. 03L109021E 647291 (Hollow) 647391 (Chill cast) Esc. / Exhaust O.E. 03L109022 O.E. 03L109022D	647290K = 647290 647291 647390K = 647390 647391 + 16+16 / 0 / 0 / 0	258192



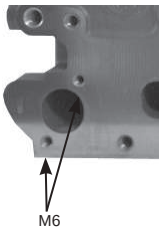




908050
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908150
908050 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908250
908150 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen



Observaciones: Common rail

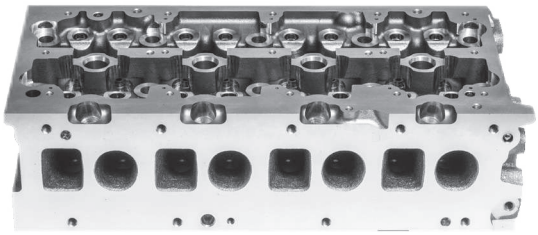
Remarks: Common rail

Remarques: Common rail

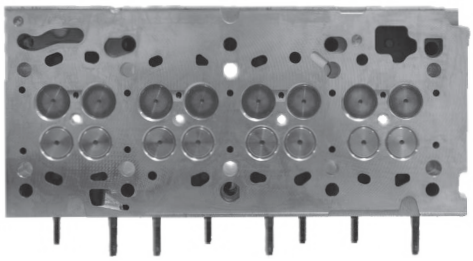
Bemerkungen: Common rail

MAN

		Cm3	O. E.	YEARS			KIT	KIT
TGE	DAUA DAUB DAVA DAWA	2.0	65030006001 65030006002 65030006009	11.2019 →	16			258735



908334
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908434
908334 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Euro 6

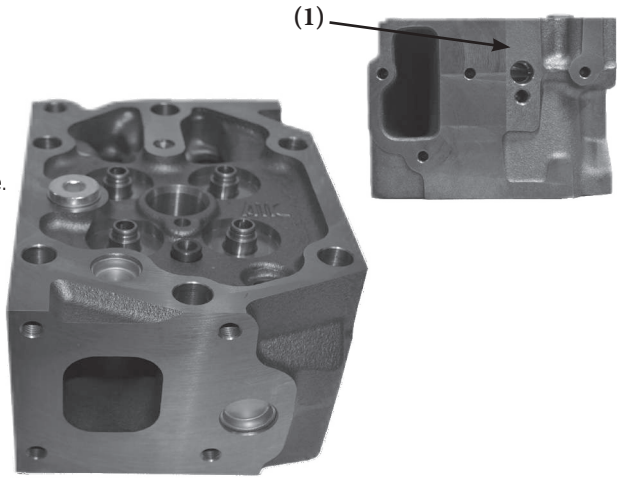
Remarks: Euro 6

Remarques: Euro 6

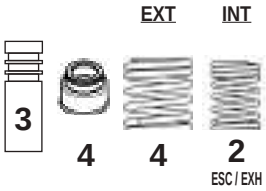
Bemerkungen: Euro 6

Marine Industrial Truck Railway	D2876LE401 / 402 / 404 405 / 406 / 407 D2876LUE601 - 606	12.9	51031016815 51031016843 51031006054 51031006693	05.2000 →	4				259071

909076
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909176
909076 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



Observaciones: Sin Common Rail.
(1) SIN taladro M10x1.5 en cara colector ADM.
Kit tornillos 259071 para Railway, Industrial, Marine.

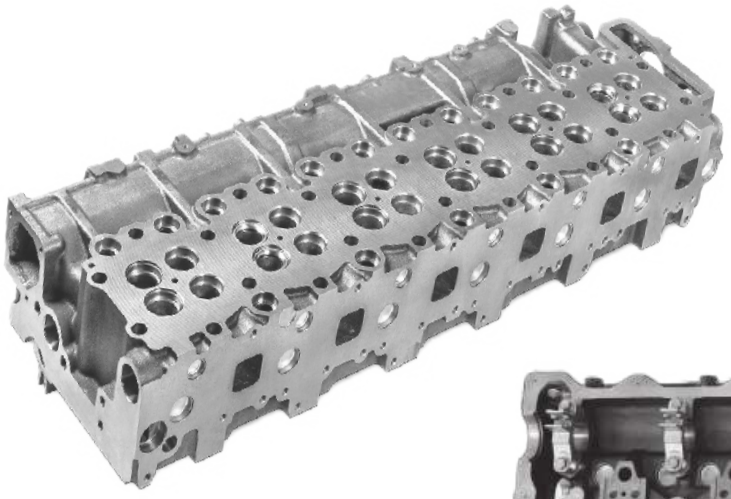
Remarks: Without Common Rail.
(1) WITHOUT drill hole M10x1.5 on inlet manifold side.
Kit 259071 for Railway, Industrial and marine application.

Remarques: Sans Common Rail.
(1) SANS trou M10x1,5 sur la face du collecteur d'admission.
Jeu de vis 259071 pour application Railway, Industrial et marine.

Bemerkungen: Ohne Common Rail.
(1) OHNE an der Auslasseite Gewindebohrung M10x1,5
Schraubensatz 259071 für Eisenbahn, Industrie und Schiffsanwendungen.

MAN

		Cm3	O. E.		YEARS			KIT	KIT
TGA TGS TGX NEOPLAN BUS	D2066LFG01 D2066LOH D2066LF01 D2066LE 121/122 D2067LF D2076LOH D2076LF D2676 D2676LE D2676LE421-425 / 431 D2676LF D2676LOH	10.6 12.5	51031006077 51031006079 51031006081 51031006149 51031006170 51031006171 51031006210 51031006252 51031006286 51031006287 51031006314 51031006315 51031006357 51031006358 51031006408 51031006423 51031006425 51031006426 51031006931	51031009077 51031009079 51031009081 51031009149 51031009170 51031009171 51031009210 51031009252 51031009286 51031009287 51031009314 51031009315 51031009357 51031009358 51031009408 51031009423 51031009425 51031009426 51031009931	05.2004 →	24			259410



909410
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

909510
909410 +:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.

Observaciones:
EURO 2, 3, 4, 5

Remarks:
EURO 2, 3, 4, 5

Remarques:
EURO 2, 3, 4, 5

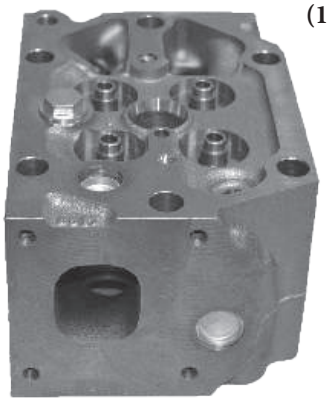
Bemerkungen:
EURO 2, 3, 4, 5

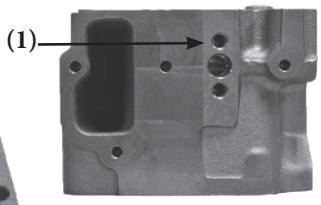
MAN

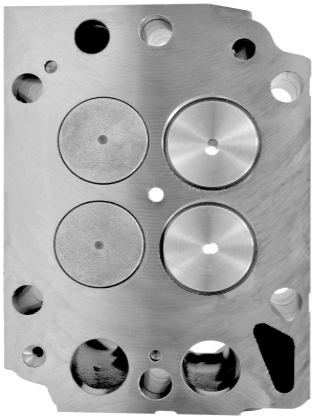
		Cm3	O. E.	YEARS			KIT	KIT
Railway	D2876LE423 / 426 D2876LE433 / 436 / 443	12.9	51031006701 51031006085	05.2000 →	4			259072

909077

Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

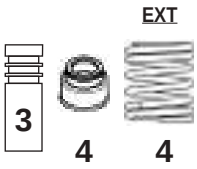






909177

909077+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: Common Rail.
(1) CON taladro M10x1.5 en cara colector de admisión.

Remarks: Common Rail.
(1) WITH drill hole M10x1.5 on inlet manifold side.

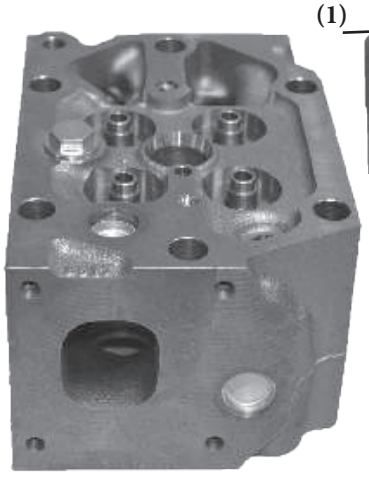
Remarques: Common Rail.
(1) AVEC trou M10x1,5 sur la face du collecteur d'admission.

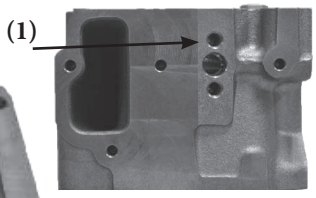
Bemerkungen: Common Rail.
(1) MIT an der Auslasseite Gewindebohrung M10x1,5

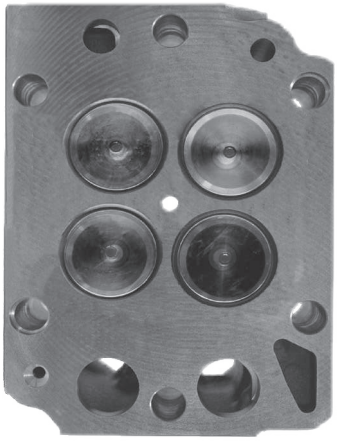
Marine Railway	D2840 LE423 D2842 LE422 / 423 / 433 / 446 / 453 D2842 LE6... D2842 LF10 D2848 LE422 / 423 D2876 LUE6...		51031006035 51031006052 51031006069 51031006205 51031006697 51031016990	03.2000 →	4			

909477

Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

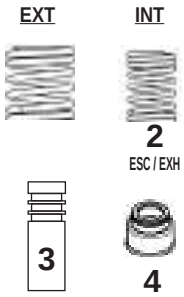






909577

909477+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones:
(1) CON taladro M10x1.5 en cara colector de admisión.
Taladros de anclaje de diámetro 16,5 mm.

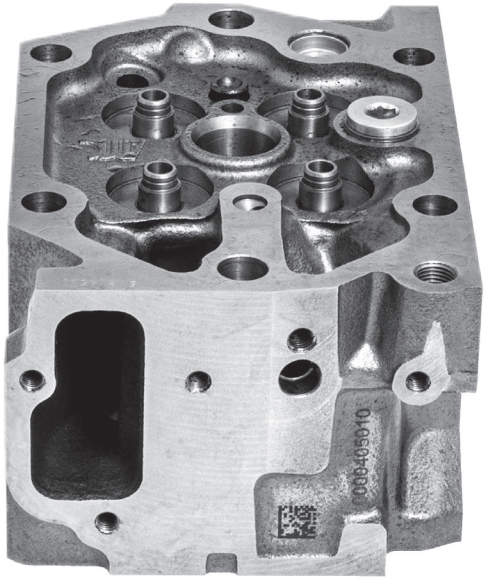
Remarks:
(1) WITH drill hole M10x1.5 on inlet manifold side.
Bolts 16,5 mm diameter.

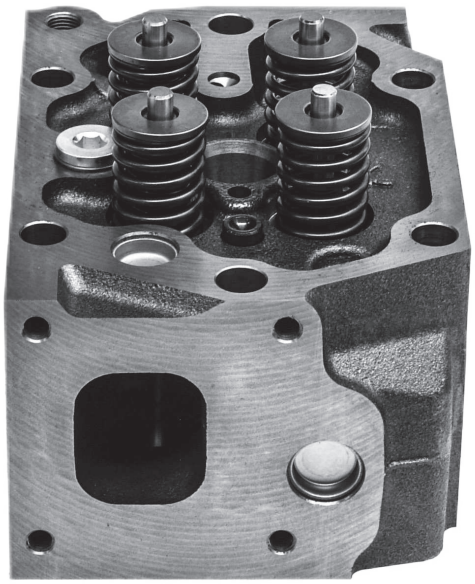
Remarques:
(1) AVEC trou M10x1,5 sur la face du collecteur d'admission.
Pas de vis de diamètre 16,5 mm.

Bemerkungen:
(1) MIT an der Auslasseite Gewindebohrung M10x1,5
Schraubdurchmesser 16,5 mm.

MAN

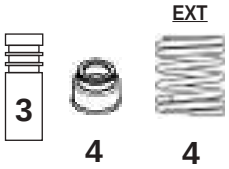
		Cm3	O. E.	YEARS			KIT	KIT
Marine Industrial Trucks	D2866LFG / LXFG D2876LFG01 D2866LOH D2866LF D2866LUH D2876LE D2876LOH D2876LF	12.0 12.9	51031006053 51031006692 51031009053 51031009692 51031016802 51031016797 51031016807 51031016824 51031019802 51031019797 51031019807 51031019824	1998 → 2001 05.2000 →	4			259071



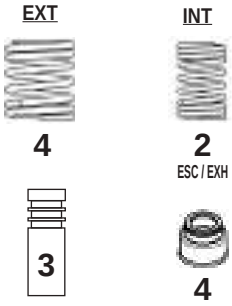


909071
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

909171
909071+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



909271
909071+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: Sin Common Rail. Sistema EVB. Válvula EVB no incluida.
- **909171** → Un muelle en escape.
- **909271** → Dos muelles en escape.

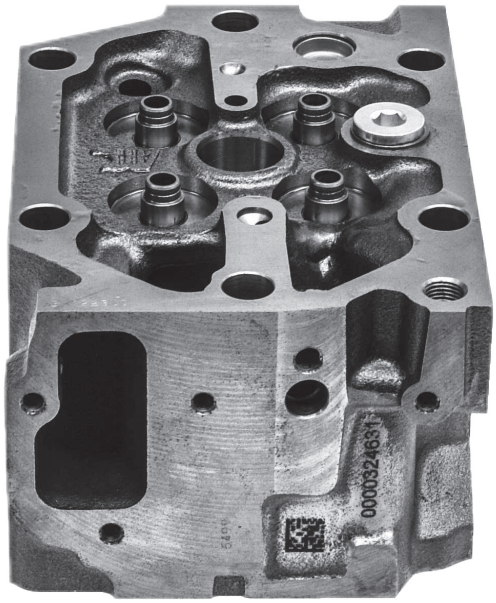
Remarks: Without Common Rail. EVB System. EVB valve not included.
- **909171** → One spring on exhaust valve.
- **909271** → Two springs on exhaust valve.

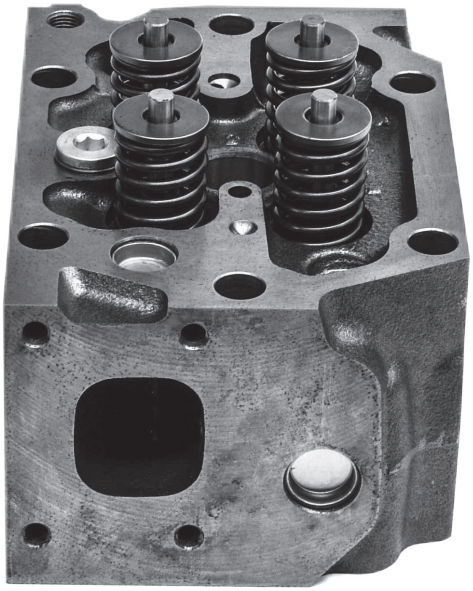
Remarques: Sans Common Rail. Système EVB. Soupape EVB non incluse
- **909171** → Un ressort sur la sopape d'échappement.
- **909271** → Deux ressorts sur la sopape d'échappement.

Bemerkungen: Ohne Common Rail. System EVB. EVB-Ventil nicht im lieferumfang enthalten
- **909171** → Ein Feder an Auslassventil.
- **909271** → Zwei Feder an Auslassventil.

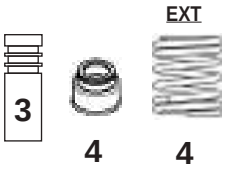
MAN

		Cm3	O. E.	YEARS			KIT	KIT
Marine Industrial Trucks	D2876LE131 con EVB D2876LE12X D2876LE131 sin EVB D2876LE124 D2876LF12 / 13 / 25 con EVB D2876LOH20/21 sin EVB D2876LF12 / 13 con EVB D2876LOH20 / 21 D2876LF12 / 13 / 25	12.9	51031006031 51031006050 51031006181 51031006499 51031006695 51031009695	05.2000 →	4			259072

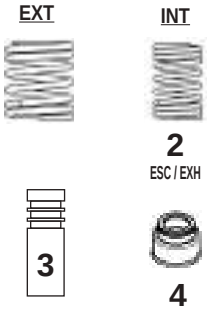




909172
909072 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



909272
909072+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



909072
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Observaciones: Common Rail. Sistema EVB. Válvula EVB no incluida.
- **909172** → Un muelle en escape.
- **909272** → Dos muelles en escape.

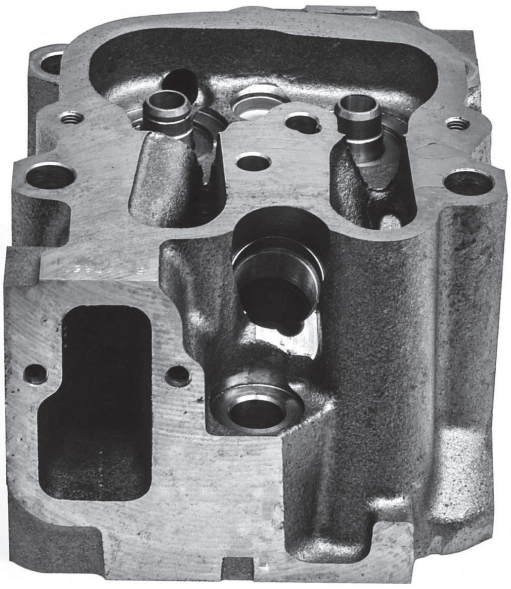
Remarques: Common Rail. Système EVB. Soupape EVB non incluse
- **909172** → Un ressort sur la sopape d'échappement.
- **909272** → Deux ressorts sur la sopape d'échappement.

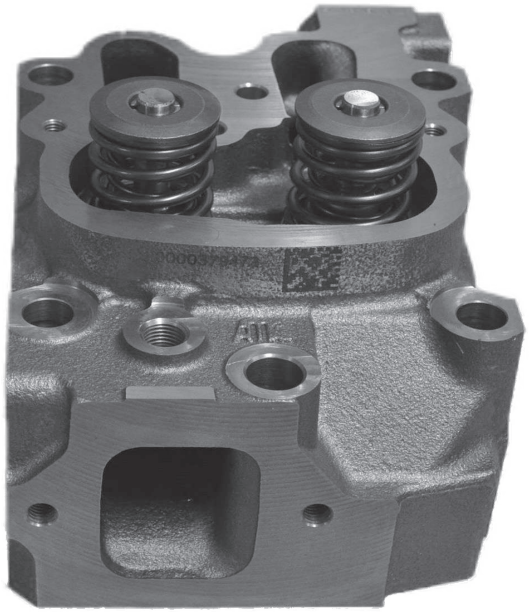
Remarks: Common Rail. EVB System. EVB valve not included.
- **909172** → One spring on exhaust valve.
- **909272** → Two springs on exhaust valve.

Bemerkungen: Common Rail. System EVB. EVB-Ventil nicht im lieferumfang enthalten
- **909172** → Ein Feder an Auslassventil.
- **909272** → Zwei Feder an Auslassventil.

MAN

		Cm3	O. E.	YEARS			KIT	KIT
Marine Industrial Trucks	D2840 LE403 D2842 LE201 / 202 / 203 / 211 / 213 / 405 D2848 D2865 LF01 / 21 / 22 / 23 / 24 D2865 LFR / LFR01 D2865 LOH01 / 02 / 05 / 07 / 08 / 09 / 10 D2865 LU / LU01 / 03 / 04 / 05 / 06 D2865 LUH02 / 03 / 05 / 06 / 07 / 08 / 09 D2865 LXF / LXFR D2866 LF20 / 25 / 29 / 30 / 31 / 34 / 35 D2866 LF38 / 39 / 40 / 45 D2866 L0H / 02 / 03 / 06 / 07 / 09 / 20 / 21 D2866 L0H22 / 23 / 24 / 25 / 26 / 30 / 31 D2866 LXE40 / 47 D2866 LXFG D2866 LXOH	12.0 18.3	51031006086 51031006131 51031006689 51031006702 51031006710 51031009131 51031009689 51031009702 51031010416 51031016609 51031016661 51031016738 51031016752 51031016770 51031016773	06.2000 →	2			259070





909073
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

909173
909073+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.

EXT	INT
2	2
1	1 ADM / INL

909273
909073+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.

EXT	INT
2	2
4	2

909373
909073+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.

EXT	INT
2	2
1	2

Observaciones: 909273 → Marine (motor D2842 LE201, LE202, LE203, LE211, LE213, LE405)

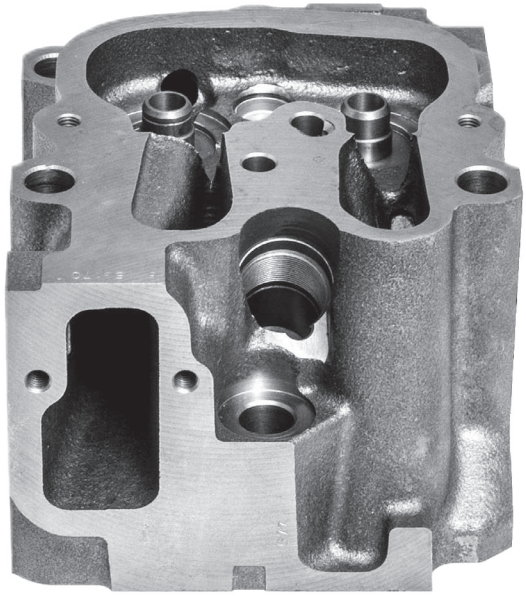
Remarks: 909273 → Marine (engine D2842 LE201, LE202, LE203, LE211, LE213, LE405)

Remarques: 909273 → Marine (moteur D2842 LE201, LE202, LE203, LE211, LE213, LE405)

Bemerkungen: 909273 → Marine (motoren D2842 LE201, LE202, LE203, LE211, LE213, LE405)

MAN

		Cm3	O. E.	YEARS			KIT	KIT
Marine Industrial Trucks Railway	D2842 LE102-104 / 602 / 604 / 606-607 D2842 LF02 D2865 LOH01 / 02 / 05 / 07 / 08 /09 / 10 D2865 LUH02 / 03 / 05 / 06 /07 / 08 / 09 D2865 LF21 / 22 / 23 / 24 D2865 LFR / LFR01 / LXF / LXFR D2866 LE201-203 / 211 / 401 / 402 / 403 / 405 D2866 LF20 / 21/ 22 / 23 / 24 / 25 / 29 / 30 / 31 34 / 35 / 38 / 39 / 40 / 45 D2866 LFG / LXF / LXFG D2866 LOH20 / 21 / 22 / 23 / 24 / 25 / 26 / 30 / 31 D2866 LUH20 / 21 / 22 / 26 D2876 LE201-203 D2876 LF01 / 02 / 03 / 06 / 09 / 10 / 17 D2876 LUH01 / 02	10.0 12.0 12.9	51031006169 51031006703 51031006690 51031016702 51031016739 51031016757 51031016774 51031009703 51031009169 51031009690 51031019774	1990 →1994 06.1994 → 1995 → 1998 1998 → 2001 06.2002 →	2			259070



909074
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

909174
909074 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

EXT	INT
2	2
1	1 ADM / INL

909274
909074 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

EXT	INT
2	2
1	2

Observaciones:

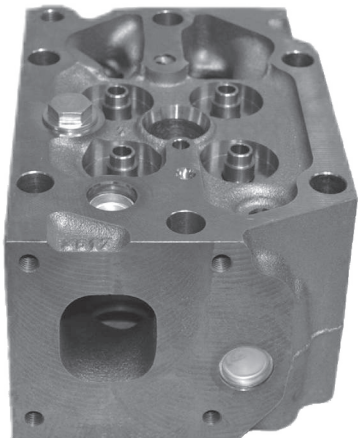
Remarks:

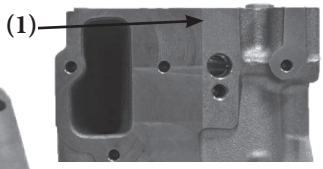
Remarques:

Bemerkungen:

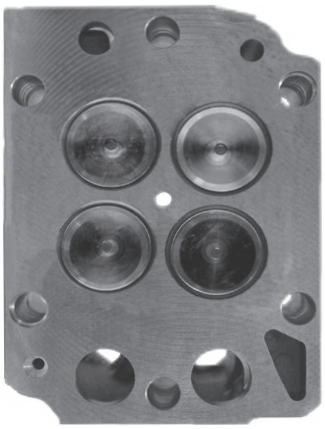
MAN

		Cm3	O. E.	YEARS			KIT	KIT
Marine	D2840LE423		51031006194	03.2000 →	4			

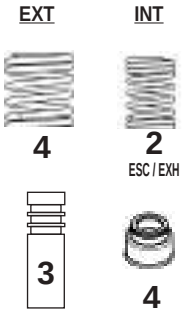




909677
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909777
909677+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones:
(1) SIN taladro M10x1.5 en cara colector ADM.
Taladros de anclaje de diámetro 15,5 mm.

Remarks:
(1) WITHOUT drill hole M10x1.5 on inlet manifold side.
Bolts 15,5 mm diameter.

Remarques:
(1) SANS trou M10x1,5 sur la face du collecteur d'admission.
Pas de vis de diamètre 15,5 mm.

Bemerkungen:
(1) OHNE an der Auslasseite Gewindebohrung M10x1,5
Schraubdurchmesser 15,5 mm.

Industrial Marino TGX TGS	D2862 LE121 - 126 / 130 -139 D2862 LE2.. D2862 LE3.. / LE4.. D2862 LE6.. D2868 LE121-123 D2868 LE4.. D2868 LFG01 D2868 LF02 / 03 / 04-07	16.0	51031006412 51031006598 51031006376 51031006411 51031006437 51031009411	51031006745 51031016981	2010 →	4		259060

909061
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

909161
909061 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:

Remarks:

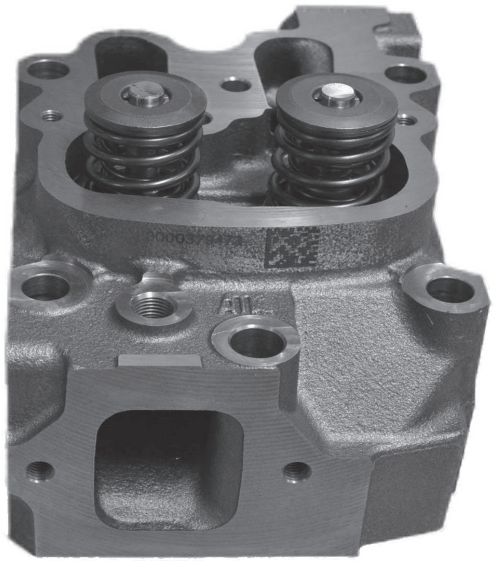
Remarques:

Bemerkungen:

MAN

		Cm3	O. E.	YEARS			KIT	KIT
Industrial Marine Railway	D2840 LE100 / 200 / 400 D2840 LXF / LF03 / 420 / 520 D2842 LE100 / 200 / 400 D2842 LF / LF01 / LXF / LF720 D2848 LE / LE406 D2865 LF/ LFR / LXFR / LF01 / LFR01 D2866 E / F / FR / FG / FZR / KF / KH / KFZ / KOH D2866 KU / KUL / KUH D2866 LE / LF / LFG / LFZ /LFZR / LXF/ LXFG D2866 LXE20 / 34 / 40 / 47 D2866 LH01 / 02 / LUE / LUE601 / LUE603 D2866 LOH / LOH02 / 03 / 06 / 07 / 09 D2866 LXOH D2866 LU / LU01 / 03 / 04 / 07 / 08 D2866 LUL / LXU / LUH / LXUH / LUH05 D2866 TE / TOH / TUH / TUH01 / TUM D2866 TUE600 D2866 UH / UM / UM01	12.0	51031010390 51031016572 51031016585 51031006691	06.1984 →	2			259070

909093
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909193
909093+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.

EXT	INT
2	2
1	2

Observaciones:

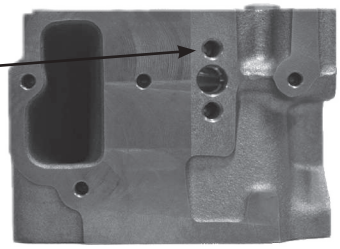
Remarks:

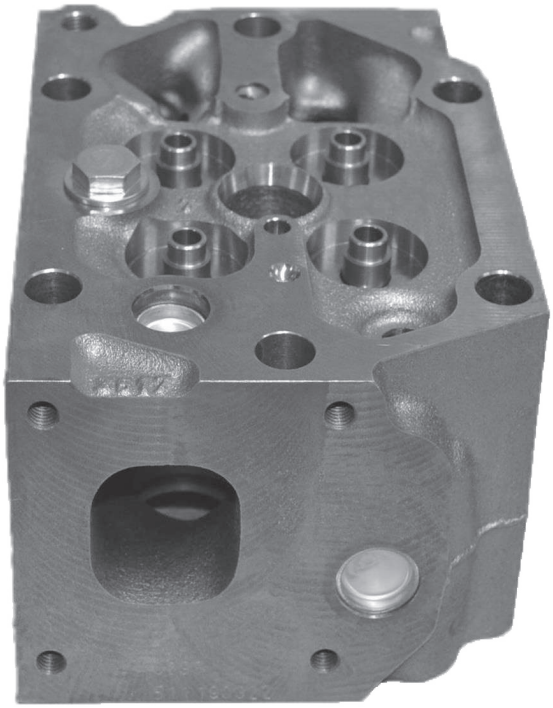
Remarques:

Bemerkungen:

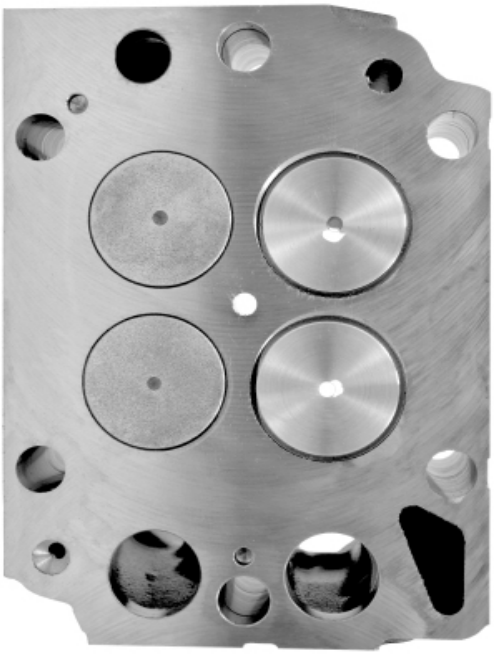
MAN

		Cm3	O. E.	YEARS			KIT	KIT
Railway	D2876LE122 - 124 / 131 / 621 D2876LOH20 / 21 D2876LF12 / 13 / 25 D2876LUE 605	12.9	51031006653 51031009499	05.2000 →	4			259072

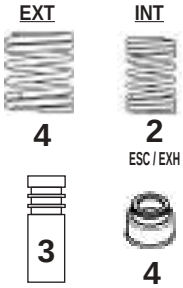




909079
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909179
909079+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: Common Rail.
(1) CON taladro M10x1.5 en cara colector de admisión.

Remarks: Common Rail.
(1) WITH drill hole M10x1.5 on inlet manifold side.

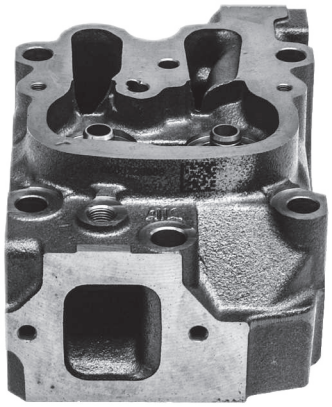
Remarques: Common Rail.
(1) AVEC trou M10x1,5 sur la face du collecteur d'admission.

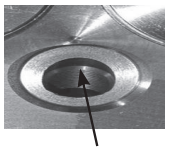
Bemerkungen: Common Rail.
(1) MIT an der Auslasseite Gewindebohrung M10x1,5

MAN

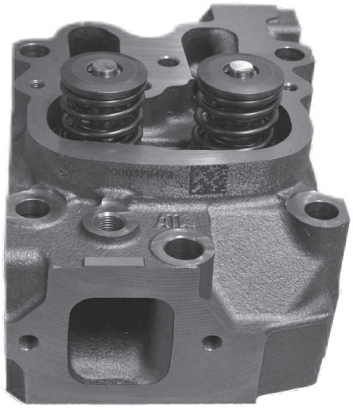
		Cm3	O. E.	YEARS			KIT	KIT
Motor Estacionario Stationary Engines	E2876E302 / 312 / 322 E2876TE302 E2876LE202 / 212 / 302 E2848LE322 E2842E203 / 312 E2842LE302 / 312 / 322 / 332 / 202	12.9	50031006001 50031006002 51031006140 51031006154 51031006179 51031006685 51031016859 51031016923 51031016924	10.2009 →	2			259070

909070
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

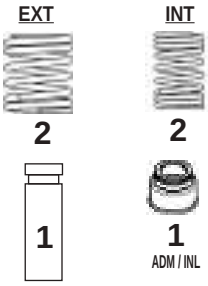




(1)



909170
909070+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: GAS.
Bujia M14.
(1) Salida bujia redonda en cara cámaras.

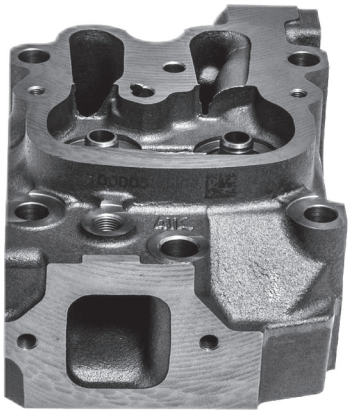
Remarks: GAS.
Spark plug M14.
(1) Round spark plug exit (chambers' face)

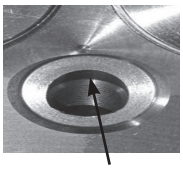
Remarques: GAS.
Bougie M14.
(1) Sortie bougie ronde coté des chambres.

Bemerkungen: GAS.
Zündkerze M14.
(1) Zündkerzenbohrung auslauf verbrennungskammerseite runde.

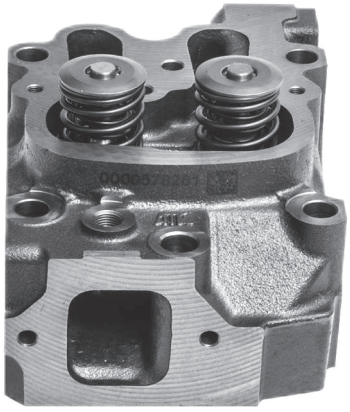
Motor Estacionario Stationary Engines	E2876E302 / 312 / 322 E2876TE302 E2876LE202 / 212 / 302 E2848LE322 E2842E203 / 312 E2842LE302 / 312 / 322 / 332 / 202	12.9	50031009001 50031009002 51031009140 51031009154 51031009179 51031009685 51031019859 51031019923 51031019924	10.2009 →	2			259070

939070
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

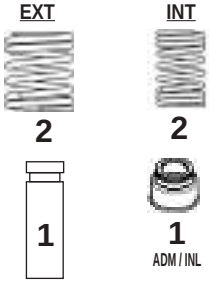




(1)



939170
939070+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: **BIOGAS**
Asientos de válvulas mejorados.
(1) Salida bujía renonda en cara cámaras. Bujia M14.

Remarks: **BIOGAS**
Upgraded valves seats.
(1) Round spark plug exit (chambers´ face). Spark plug M14.

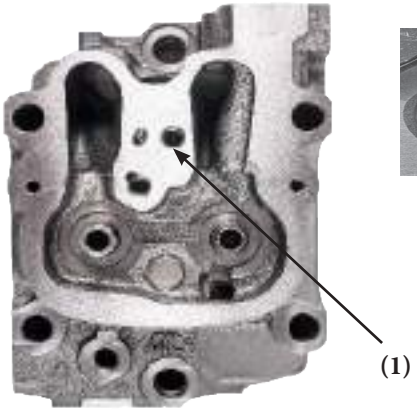
Remarques: **BIOGAS**
Sièges de soupapes améliorés.
(1) Sortie bougie ronde coté des chambres. Bougie M14.

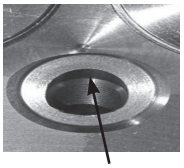
Bemerkungen: **BIOGAS**
Verbesserte ventilsitze. Zündkerze M14.
(1) Zündkerzenbohrung auslauf verbrennungskammerseite runde.

MAN

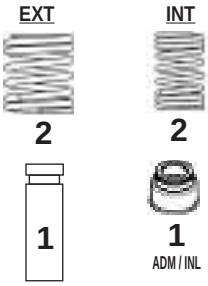
		Cm3	O. E.	YEARS			KIT	KIT
Motor Estacionario Stationary Engines	E2876E302 / 312 / 322 E2876TE302 E2876LE202 / 212 / 302 E2848LE322 E2842E203 / 312 E2842LE302 / 312 / 322 E2842LE202 / 332				2			259070

939670
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.





939770
939670+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: **BIOGAS**
Asientos de válvulas mejorados
(1) Guia de escape lubrificada. Bujia M14.
(2) Salida bujía redonda en cara cámaras.

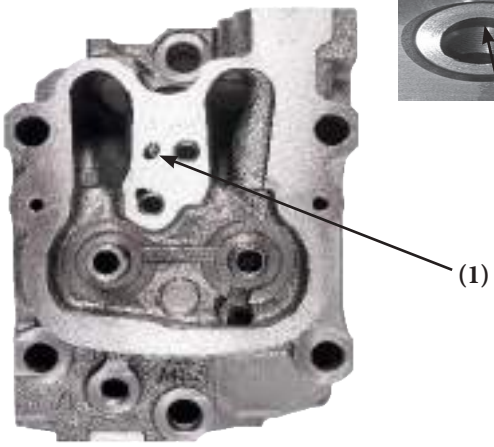
Remarks: **BIOGAS**
Upgraded valves seats.
(1) Oil lubrificated exhaust valve guide. Spark plug M14.
(2) Round spark plug exit (chambers´ face)

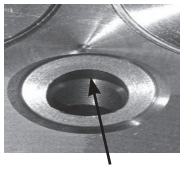
Remarques: **BIOGAS**
Sièges de soupapes améliorés.
(1) Guide de souppape d'échappement à l'huile. Bougie M14.
(2) Sortie bougie ronde coté des chambres.

Bemerkungen: **BIOGAS**
Verbesserte ventilsitze.
(1) Ölschmierbarer auspuffventilführer. Zündkerze M14.
(2) Zündkerzenbohrung auslauf verbrennungskammerseite runde.

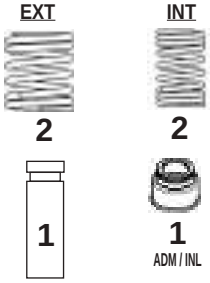
Motor Estacionario Stationary Engines	E2876E302 / 312 / 322 E2876TE302 E2876LE202 / 212 / 302 E2848LE322 E2842E203 / 312 E2842LE302 / 312 / 322 E2842LE202 / 332				2				259070

909870
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.





909970
909870+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: GAS
(1) Guia de escape lubrificada. Bujía M18.
(2) Salida bujía **redonda** en cara cámaras.

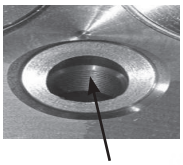
Remarks: GAS
(1) Oil lubricated exhaust valve guide. Spark plug M18.
(2) **Round** spark plug exit (chabers' face)

Remarques: GAS
(1) Guide de souppape d'échappement à l'huile. Bougie M18.
(2) Sortie bougie **ronde** côté des chambres.

Bemerkungen: GAS
(1) Ölschmierbarer auspuffventilführer. Zündkerzen M18.
(2) Zündkerzenbohrung auslauf verbrennungskammerseite **runde**.

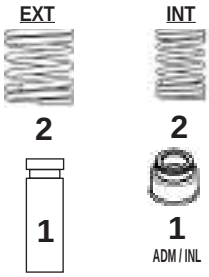
MAN

		Cm3	O. E.	YEARS			KIT	KIT
Motor Estacionario Stationary Engines	E2876E302 / 312 / 322 E2876TE302 E2876LE202 / 212 / 302 E2848LE322 E2842E203 / 312 E2842LE302 / 312 / 322 E2842LE202 / 332				2			259070



939870
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

939970
939870+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



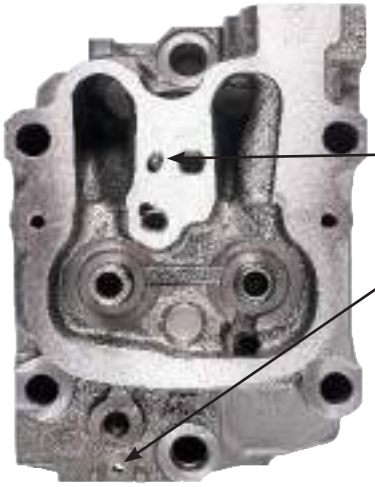
Observaciones: BIOGAS
Asientos de válvulas mejorados
(1) Guia de escape lubrificada. Bujia M18.
(2) Salida bujía redonda en cara cámaras.

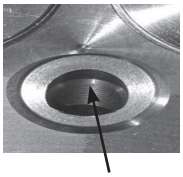
Remarks: BIOGAS
Upgraded valves seats.
(1) Oil lubricated exhaust valve guide. Spark plug M18.
(2) Round spark plug exit (chambers´ face)

Remarques: BIOGAS
Sièges de soupapes améliorés.
(1) Guide de souppape d'échappement à l'huile. Bougie M18.
(2) Sortie bougie ronde coté des chambres.

Bemerkungen: BIOGAS
Verbesserte ventilsitze.
(1) Ölschmierbarer auspuffventilführer. Zündkerze M18.
(2) Zündkerzenbohrung auslauf verbrennungskammerseite runde.

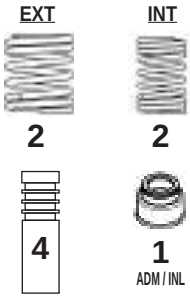
Motor Estacionario Stationary Engines	E2876E302 / 312 / 322 / LE202 / 212 / 302 / TE302 E2842E203 / 312 / LE202 / 302 / 312 / 322 / 332 E2848LE322 E2866E / E33 / 302 / LUH01 / 02				2			259070





939270
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

939370
939270+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: BIOGAS
Asientos de válvulas mejorados. Bujia M18.
(1) Guia de escape lubrificada. **(2)** Salida bujia redonda en cara cámaras.
(3) Taladro M6 para colocar un termopar.

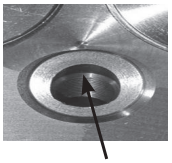
Remarks: BIOGAS
Upgraded valves seats. Spark plug M18.
(1) Oil lubricated exhaust valve guide. **(2)** Round spark plug exit (chambers' face).
(3) M6 drill hole for fitting a thermocouple.

Remarques: BIOGAS
Sièges de soupapes améliorés. Bougie M18.
(1) Guide de soupape d'échappement lubrifié à l'huile.
(2) Sortie bougie ronde coté des chambres. **(3)** Trou M6 pour le montage d'un thermocouple.

Bemerkungen: BIOGAS
Verbesserte ventilsitze.
(1) Ölschmierbarer auspuffventilführer. Zündkerzen M18. **(2)** Zündkerzenbohrung auslauf verbrennungskammerseite runde.**(3)** M6 Bohrung zur Aufnahme eines Thermoelementes.

MAN

		Cm3	O. E.	YEARS				KIT	KIT
Motor Estacionario Stationary Engines	E2876E302 / 312 / 322 / LE202 / 212 / 302 / TE302 E2842E203 / 312 / LE202 / 302 / 312 / 322 / 332 E2848LE322 E2866E / E33 / 302 / LUH01 / 02			2					259070

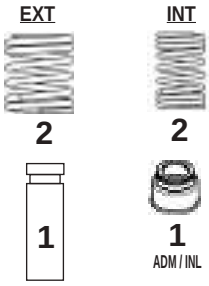


(2)

(1)

949270
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

949370
949270+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



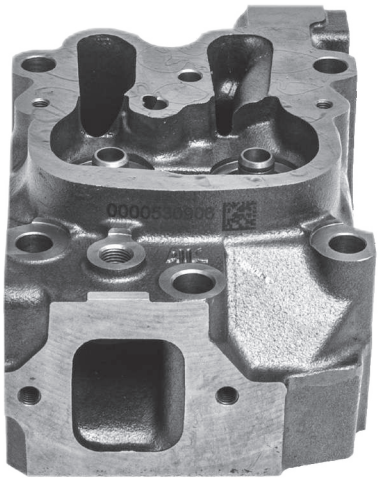
Observaciones: **BIOGAS**
Asientos de válvula mejorados. Bujia M18. Con rotador de valvulas.
(1) Guia de escape lubrificada.
(2) Salida bujia redonda en cara cámaras.

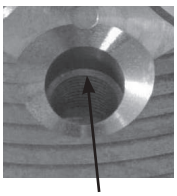
Remarks: **BIOGAS**
Upgraded valves seats. Spark plug M18. With valve rotator.
(1) Oil lubricated exhaust valve guide.
(2) Round spark plug exit (chambers' face)

Remarques: **BIOGAS**
Sièges de soupapes améliorés. Bougie M18. Avec rotors de soupape.
(1) Guide de soupape d'échappement lubrifié à l'huile.
(2) Sortie bougie ronde coté des chambres.

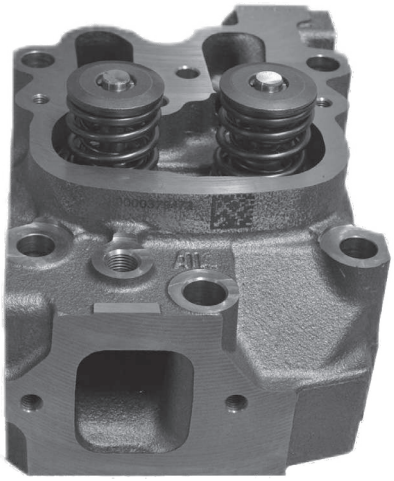
Bemerkugen: **BIOGAS**
Verbesserte ventilsitze. Zündkerzen M18. Mit Ventilrotoren.
(1) Ölschmierbarer auspuffventilführer.
(2) Zündkerzenbohrung auslauf verbrennungskammerseite runde.

Motor Estacionario Stationary Engines	E2842E301 E2866E300 / 302 E2866E E2866LUH01 / 02		51031006686 51031006229 51031016622 51031016858	05.2000 →	2				259070



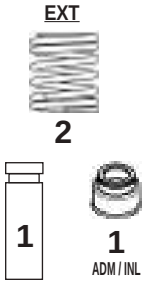


(1)



909078
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

909178
909078+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: GAS.
Bujía M14.
(1) Salida bujía ovalada en cara cámaras.

Remarks: GAS.
Spark plug M14.
(1) **Oval** spark plug exit (chambers' face)

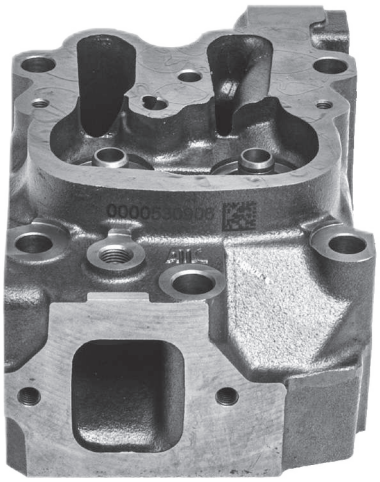
Remarques: GAS.
Bougie M14.
(1) Sortie bougie **ovale** côté des chambres**.**

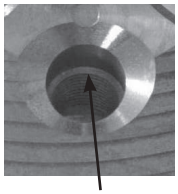
Bemerkugen: GAS.
Zündkerze M14.
(1) Zündkerzenbohrung auslauf verbrennungskammerseite **oval.**

MAN

		Cm3	O. E.	YEARS			KIT	KIT
Motor Estacionario Stationary Engines	E2842E301 E2866E300 / 302 E2866E E2866LUH01 / 02	12.0	51031009686 51031009229 51031019622 51031019858	05.2000 →	2			259070

939078
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.





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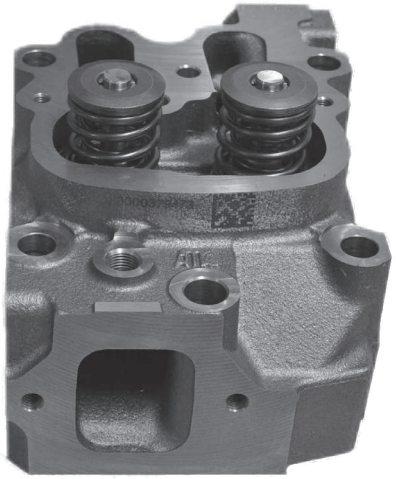


939178
939078+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.

EXT

2

1

1
ADM / INL

Observaciones: **BIOGAS**
Asientos de válvula mejorados. Bujía M14.
(1) Salida bujía ovalada en cara cámaras.

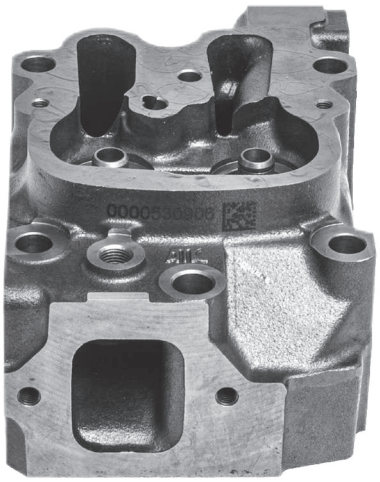
Remarks: **BIOGAS**
Upgraded valves seats. Spark plug M14.
(1) **Oval** spark plug exit (chambers' face)

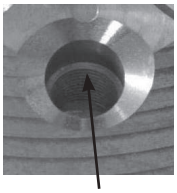
Remarques: **BIOGAS**
Sièges de soupapes améliorés. Bougie M14.
(1) Sortie bougie **ovale** côté des chambres**.**

Bemerkungen: **BIOGAS**
Verbesserte ventilsitze. Zündkerze M14.
(1) Zündkerzenbohrung auslauf verbrennungskammerseite **oval.**

Motor Estacionario Stationary Engines	E2866E300 / 302 E2866E E2866LUH01 / 02				2			259070

909878
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.





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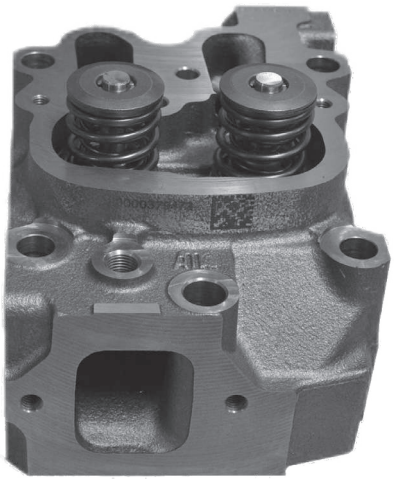


909978
909878+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.

EXT

2

1

1
ADM / INL

Observaciones: GAS.
Bujía M18**.**
(1) Salida bujía **ovalada** en cara cámaras.

Remarks: GAS.
Spark plug M18.
(1) Oval spark plug exit (chambers' face)

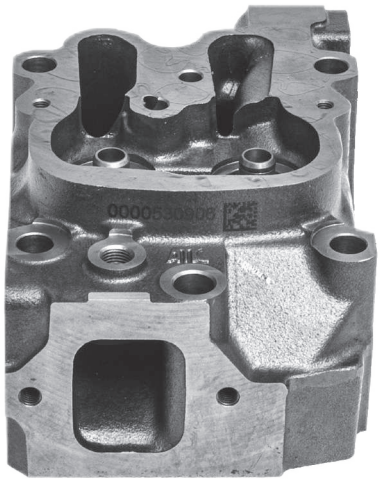
Remarques: GAS.
Bougie M18.
(1) Sortie bougie **ovale** côté des chambres**.**

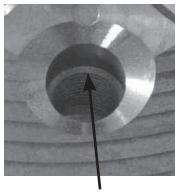
Bemerkungen: GAS.
Zündkerzen M18**.**
(1) Zündkerzenbohrung auslauf verbrennungskammerseite **oval.**

MAN

		Cm3	O. E.	YEARS			KIT	KIT
Motor Estacionario Stationary Engines	E2866E300 / 302 E2866E E2866LUH01 / 02				2			259070

939878
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.





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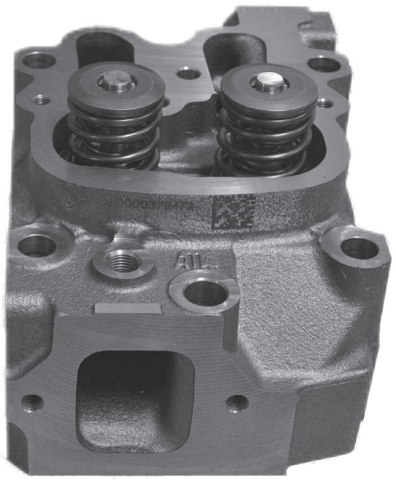


939978
939878+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.

EXT

2

1

1
ADM / INL

Observaciones: **BIOGAS**.
Asientos de válvula mejorados. Bujía M18.
(1) Salida bujía **ovalada** en cara cámaras.

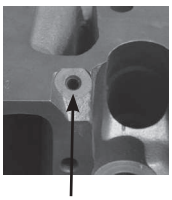
Remarks: **BIOGAS**.
Upgraded valves seats. Spark plug M18.
(1) Oval spark plug exit (chambers' face)

Remarques: **BIOGAS**.
Sièges de soupapes améliorés. Bougie M18.
(1) Sortie bougie **ovale** côté des chambres.

Bemerkungen: **BIOGAS**.
Verbesserte ventilsitze. Zündkerzen M18.
(1) Zündkerzenbohrung auslauf verbrennungskammerseite **oval**.

Neo Plan Setra Lion's City	E2866LUH01 / 02 E2876LUH01 / 02 E2848LE	12.0 12.9	51031009688 51031006688 51031006488 51031006193 51031006057 51031006012	05.2000 → 2007 → 2014	2			259070

909470
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



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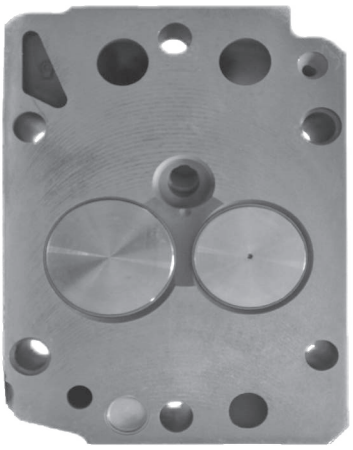


909570
909470+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.

EXT INT

2

2

1

1
ADM / INL

Observaciones: **GAS / GNC.**
Guia de escape lubrificada. Bujía M14.
(1) Taladro sujeción bujía

Remarks: **GAS / GNC.**
Oil lubricated exhaust valve guide. Spark plug M14.
(1) Spark plug drill housing.

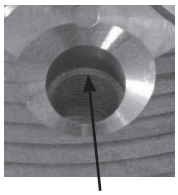
Remarques: **GAS / GNC**
Guide de souppape d'échappement à l'huile. Bougie M14
(1) Trou de maintien de la bougie d'allumage

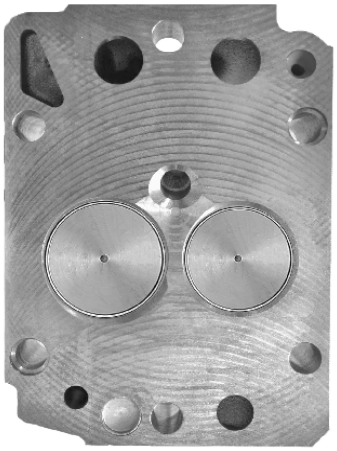
Bemerkungen: **GAS / GNC.**
Ölschmierbarer auspuffventilführer. Zündkerze M14.
(1) Klemmbohrunf für zündkerze.

MAN

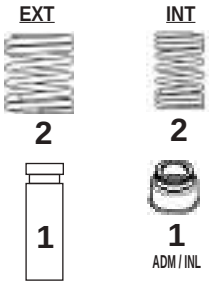
		Cm3	O. E.	YEARS			KIT	KIT
Neo Plan Lion's City Industrial Marino Estacionarios	E2866DUH01 G2866UH G2866UM G2866DUH01 - 05 G2866DUM01 G2876DUH01 / 02	12.9	51031006180 51031006706 51031016852	1997 →	2			259070

939068
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.





939168
939068+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: **GAS / GNC.**
Bujía M18.
(1) Salida bujía ovalada en cara cámaras.

Remarks: **GAS / GNC.**
Spark plug M18.
(1) **Oval** spark plug exit (chambers' face)

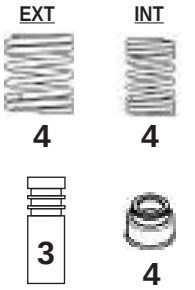
Remarques: **GAS / GNC**
Bougie M18.
(1) Sortie bougie **ovale** côté des chambres**.**

Bemerkungen: **GAS / GNC.**
Zündkerze M18.
(1) Zündkerzenbohrung auslauf verbrennungskammerseite **oval.**

Marine Industrial TGX TGS LION CITY NL	E3268 LE212 / 222 / 232 E3262 E203 / 302 E3262 LE202 / 212 / 222 / 232 / 242	17.2 25.8	50031006000 51031006972 51031006576 51031006973 51031006679 51031016930 51031006725 51031009963 51031006834 51031009973 51031006835 51031019930 51031006963	03.2013 →	4			259060

939060
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

939160
939060+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: **GAS & BIOGAS**.
Asientos de válvula mejorados. Bujía M18**.**

Remarks: **GAS & BIOGAS**.
Upgraded valves seats. Spark plug M18.

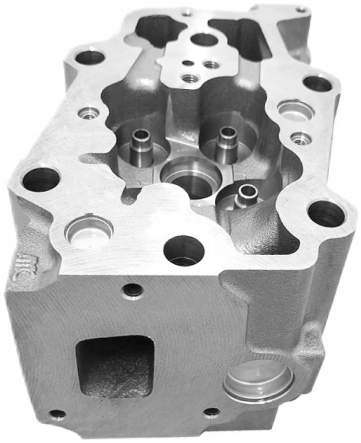
Remarques: **GAS & BIOGAS**.
Sièges de soupapes améliorés. Bougie M18.

Bemerkungen: **GAS & BIOGAS**.
Verbesserte ventilsitze. Zündkerzen M18**.**

MAN

		Cm3	O. E.	YEARS			KIT	KIT
Marine Industrial	E3268 LE212 / 222 / 232 E3262 E203 / 302 E3262 LE202 / 212 / 222 / 232 / 242	17.2 25.8	51031026057 51031029057	03.2013 →	4			259060

939062
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



939162
939062+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.

EXT	INT
4	4
3	4

Observaciones: **GAS & BIOGAS**.
Asientos de válvula mejorados. Con válvula ROTOCAP.
Bujía M18**.**

Remarks: **GAS & BIOGAS**.
Upgraded valves seats. With ROTOCAP valve.
Spark plug M18.

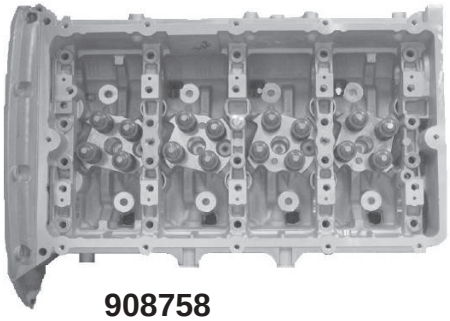
Remarques: **GAS & BIOGAS**.
Sièges de soupapes améliorés. Avec valve ROTOCAP.
Bougie M18.

Bemerkungen: **GAS & BIOGAS**.
Verbesserte ventilsitze. Mit ROTOCAP-ventil.
Zündkerzen M18.

MAZDA

		Cm3	O. E.	YEARS				KIT	KIT
BT-50	P4AT	2.2 TDCI 2198	U2Y010YF0 U2Y010100A	2011 →	16		647377 Adm./ Inlet U20212421 647378 Esc./Exhaust U20212441	647377K = 647377 647378 + o o o o	258867

908258
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908758
Guías + Asientos + Válvulas + Muelles
Guides + Seats + Valves + Springs
Guides + Sièges + Soupapes + Ressorts
Führungen + Sitze + Ventile + Ventilfedern

Observaciones: Tracción trasera y 4x4. Euro 5.

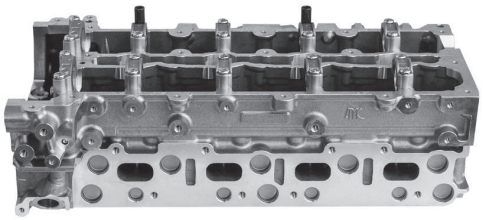
Remarks: Rear wheel drive and 4x4. Euro 5.

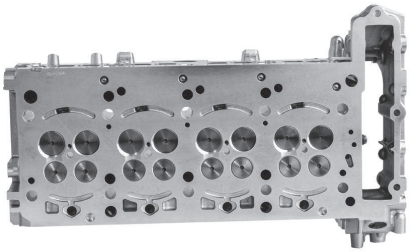
Remarques: Traction arrière et 4x4. Euro 5.

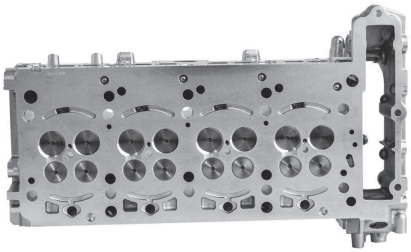
Bemerkungen: Heckantrieb und 4x4. Euro 5.

MERCEDES

		Cm3	O. E.	YEARS				KIT	KIT
Sprinter Viano Vito	OM651901 OM651D18 OM651DE18LA OM651911 OM651912 OM651913 OM651916 OM651921 OM651924 OM651925 OM651940 OM651955 OM651956 OM651957 OM651D22 /R /G /G4 /LL /LA	1.8 CDI 1796 2.1 CDI 2143	6510103220 6510103020	2011 → 2012 →	16	670994 = 16 x 670394 O.E. A651050033 + 16 x 670395 O.E. A651050080	647024 (Chill Cast) 647324 (Hollow) **Adm. / Inlet** OE A6510500001 OE A6510500200 OE A6510501001 647025 (Chill Cast) 647325 (Hollow) **Esc. / Exhaust** OE A6510500101 OE A6510500300 OE A6510500901	**647024K** = 647024 (Chill Cast) 647025 **647324K** = 647324 (Hollow) 647325 + 16+16 / 0 / 0 / 0	258723







908724
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908824
908724 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908524
908824 +:
Kit Árboles de levas 647324K
Camshafts Kit 647324K
Kit Arbres à cames 647324K
Nockenwellen Satz 647324K

908924
908824 +:
Kit Árboles de levas 647024K
Camshafts Kit 647024K
Kit Arbres à cames 647024K
Nockenwellen Satz 647024K

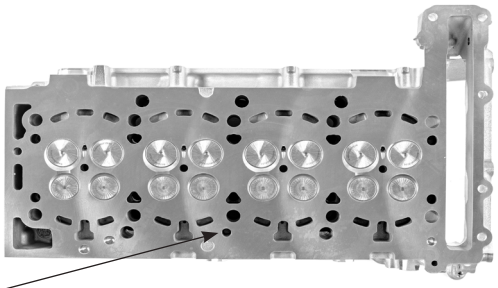
Observaciones: **908524** incluye Kit Árboles de levas 647324K (Hollow) no montado en culata. **908924** incluye Kit Árboles de levas 647024K (Chill Cast) no montado en culata. Calentadores M8.

Remarks: **908524** include Camshaft Kit 647324K (Hollow) not fitted in cylinder head. **908924** include Camshaft Kit 647024K (Chill Cast) not fitted in cylinder head. M8 Glow Plugs

Remarques: 908524 incluent un kit d'arbre à cames 647324K (Hollow) non monté sur la culasse. **908924** incluent un kit d'arbre à cames 647024K (Chill Cast) non monté sur la culasse. Bougies M8

Bemerkungen: 908524 umfassen einen Nockenwellensatz 647324K (Hollow) nicht am Zylinderkopf montiert. **908924** umfassen einen Nockenwellensatz 647024K (Chill Cast) nicht am Zylinderkopf montiert. Glühkerzen M8

A180D, 200D, 220D B180D, 200D, 220D C22D, 220D, 300D E220D, 300D, 350D CLA180D, 200D, 220D GLA180D, 200D, 220D GLB180D, 200D, 220D GLC200, 220, 300 GLE300D, 350D Marco Polo Sprinter Vito	OM654920	2.0 CDI 1.950	6540106912 6540107012	2016 →	16				258474



(1)

908374
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908474
908374 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
(1). Taladro caida de aceite

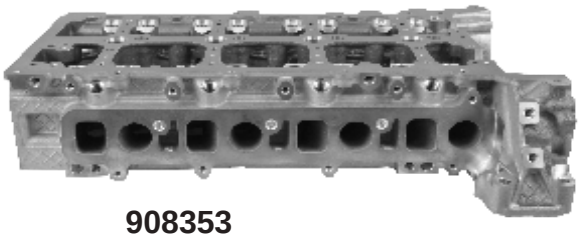
Remarks:
(1). Drill oil drop.

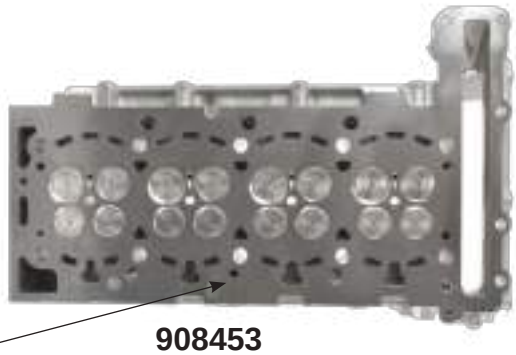
Remarques:
(1). Trou fuite d'huile

Bemerkungen:
(1) Öltropfenbohrer

MERCEDES

		Cm3	O. E.	YEARS				KIT	KIT
Clase A Clase C Clase E CLA GLE Sprinter Vito	OM654920	2.0 CDI 1.950	6540107112	2020 →	16				258474





908353
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

(1)

908453
908353 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

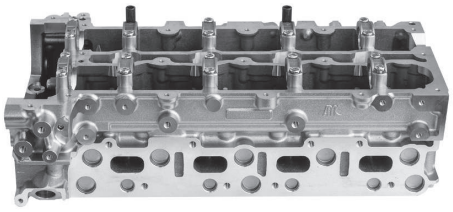
Observaciones: EURO6D
(1) Taladro ciego.

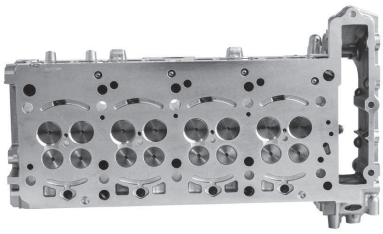
Remarks: EURO6D
(1) Blind drill.

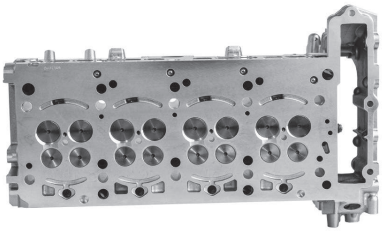
Remarques: EURO6D
(1) Trou à l'aveugle.

Bemerkungen: EURO6D
(1) Blindbohrer.

Sprinter Viano Vito	OM651D22 /R /G /G4 /LL /LA OM651911 OM651940 OM651912 OM651955 OM651913 OM651956 OM651916 OM651957 OM651921 OM651924 OM651925	2.1 CDI 2143	6510101120 6510102720	2009 → 11	16	670994 = 16 x 670394 O.E. A651050033 + 16 x 670395 O.E. A651050080	647024 (Chill Cast) 647324 (Hollow) Adm. / Inlet OE A6510500001 OE A6510500200 OE A6510501001 647025 (Chill Cast) 647325 (Hollow) Esc. / Exhaust OE A6510500101 OE A6510500300 OE A6510500901	647024K = 647024 (Chill Cast) 647025 647324K = 647324 (Hollow) 647325 + 16+16 / 0 / 0 / 0	258723







908723
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908823
908723 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908523
908824 +:
Kit Árboles de levas 647324K
Camshafts Kit 647324K
Kit Arbres à cames 647324K
Nockenwellen Satz 647324K

908923
908823 +:
Kit Árboles de levas 647024K
Camshafts kit 647024K
Kit Arbres à cames 647024K
Nockenwellen Satz 647024K

Observaciones: **908523** incluye Kit Árboles de levas 647324K (Hollow) no montado en culata. **908923** incluye Kit Árboles de levas 647024K (Chill Cast) no montado en culata. Calentadores M8.

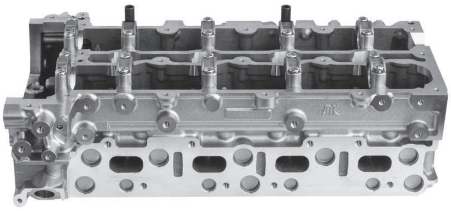
Remarks: **908523** include Camshaft Kit 647324K (Hollow) not fitted in cylinder head. **908923** include Camshaft Kit 647024K (Chill Cast) not fitted in cylinder head. M8 Glow Plugs

Remarques: 908523 incluent un kit d'arbre à cames 647324K (Hollow) non monté sur la culasse. **908923** incluent un kit d'arbre à cames 647024K (Chill Cast) non monté sur la culasse.Bougies M8

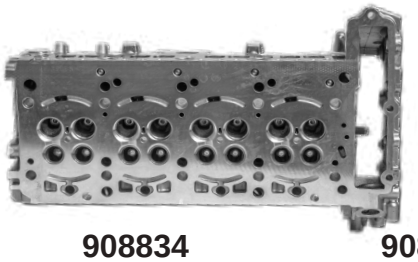
Bemerkungen: 908523 umfassen einen Nockenwellensatz 647324K (Hollow) nicht am Zylinderkopf montiert. **908923** umfassen einen Nockenwellensatz 647024K (Chill Cast) nicht am Zylinderkopf montiert. Glühkerzen M8

MERCEDES

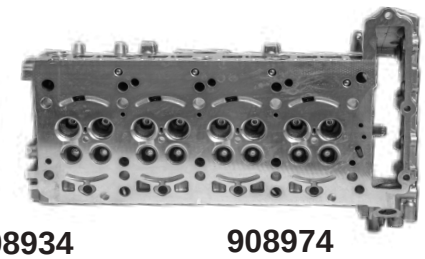
		Cm3	O. E.	YEARS				KIT	KIT
Vito	OM651940 OM651950 OM651955 OM651956 OM651957 OM651958	2.1 CDI 2143	6510105511	2013 →	16	670994 = 16 x 670394 O.E. A651050033 + 16 x 670395 O.E. A651050080	647024 (Chill Cast) 647324 (Hollow) **Adm. / Inlet** OE A6510500001 OE A6510500200 OE A6510501001 647025 (Chill Cast) 647325 (Hollow) **Esc. / Exhaust** OE A6510500101 OE A6510500300 OE A6510500901	**647024K** = 647024 (Chill Cast) 647025 **647324K** = 647324 (Hollow) 647325 + 16+16 / 0 / 0 / 0	258723



908734
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908834
908734 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



908934
908834 +:
Kit Árboles de levas 647024K
Camshafts kit 647024K
Kit Arbres à cames 647024K
Nockenwellen Satz 647024K

908974
908824 +:
Kit Árboles de levas 647324K
Camshafts Kit 647324K
Kit Arbres à cames 647324K
Nockenwellen Satz 647324K

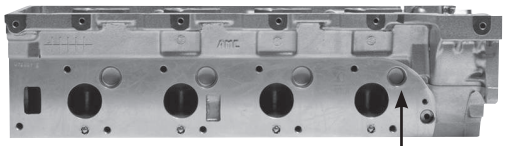
Observaciones: **908974** incluye Kit Árboles de levas 647324K (Hollow) no montado en culata. **908934** incluye Kit Árboles de levas 647024K (Chill Cast) no montado en culata. Calentadores M10. EURO 6.

Remarks: **908974** include Camshaft Kit 647324K (Hollow) not fitted in cylinder head. **908934** include Camshaft Kit 647024K (Chill Cast) not fitted in cylinder head. M10 Glow Plugs. EURO 6.

Remarques: 908974 incluent un kit d'arbre à cames 647324K (Hollow) non monté sur la culasse. **908934** incluent un kit d'arbre à cames 647024K (Chill Cast) non monté sur la culasse.Bougies M10. EURO 6.

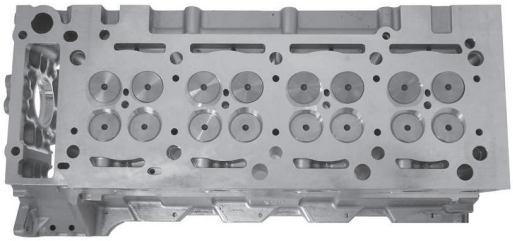
Bemerkungen: 908974 umfassen einen Nockenwellensatz 647324K (Hollow) nicht am Zylinderkopf montiert. **908934** umfassen einen Nockenwellensatz 647024K (Chill Cast) nicht am Zylinderkopf montiert. Glühkerzen M10. EURO 6.

Sprinter 208 / 211 / 213 Sprinter 308 / 311 / 313 / 316 Sprinter 408 / 411 / 413 / 416 V200 Vito 108 / 110 / 112	OM611980 OM611981 OM611987	2.2 CDI 2151	6110102320 6110104420 6110105420 6110106620 6110106720 6110106820	1996 →	16	641892 O.E. 6110500225	647114 O.E. 6110500801 6110502201 647115 O.E.6110500101 6110501801	**647114K** = 647114 647115 + 16 / 0 / 0 / 0	258145



(1)
Con tapón
With plug
Avec bouchon
Mit Stopfen

Con taladros M 10x1.5
With Drill Holes M 10x1.5
Avec trous M 10x1.5
Mit Bohren M 10x1.5



908572
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908672
908572 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: 4 Cilindros. Válvula admisión ø 30.1 mm. Válvula de escape ø 28.4 mm. (1) Con tapón en cara de colector de escape.

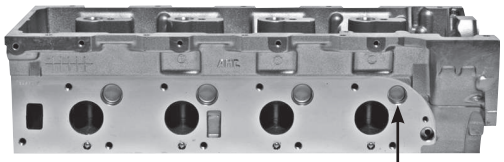
Remarks: 4 Cylinders. Inlet valve ø 30.1 mm. Exhaust valve ø 28.4 mm. (1) With a plug on the exhaust manifold face.

Remarques: 4 Cilindres. Soupapes: Diamètre adm ø 30.1 ech ø 28.4. (1) Avec bouchon sur la face du collecteur d'échappement.

Bemerkungen: 4 Zylinder. Einlassventil ø 30.1 mm Durchmesser. Auslassventil ø 28.4 mm. (1) Mit Stopfen an der Fläche des Abgaskrümmers.

MERCEDES

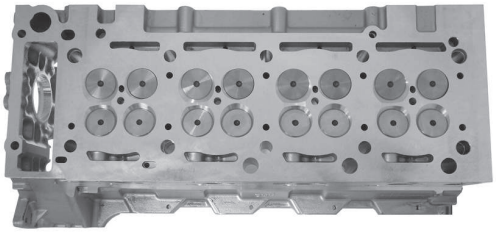
		Cm3	O. E.	YEARS				KIT	KIT
C20 E200 / E220 Sprinter 209 / 211 / 213 / 215 309 / 311 / 313 / 315 / 411 415 / 509 / 511 / 515 Viano Vito	OM646951 OM646961 OM646962 OM646963 OM646966 OM646980 OM646981 OM646982 OM646983 OM646984 OM646985 OM646986 OM646989 OM646990 OM646992	2.2 CDI 2148 2151	6110105020 6460100620 6460101020 6460101420 6460102601	2003 →	16	641892 O.E. 6110500225	647259 O.E.6110502001 6110500601 647115 O.E.6110500101 6110501801	647115K = 647115 647259 + 16 0 0 0	258145



(1)

Con tapón
With plug
Avec bouchon
Mit Stopfen

Sin taladros
Without Drill Holes
Sans trous
Ohne Bohren



908574
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908674
908574 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: 4 Cilindros. Válvula admisión ø 28.7 mm. Válvula de escape ø 26.2 mm. (1) Con tapón en cara de colector de escape.

Remarks: 4 Cylinders. Inlet valve ø 28.7 mm. Exhaust valve ø 26.2 mm. (1) With a plug on the exhaust manifold face.

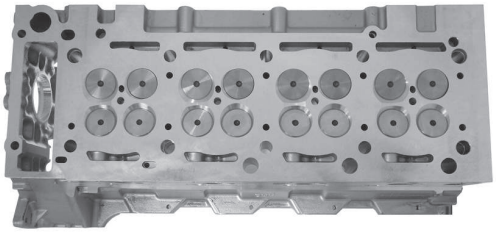
Remarques: 4 Cilindres. Soupapes: Diamètre adm 28.7 ech 26.2. (1) Avec bouchon sur la face du collecteur d'échappement.

Bemerkungen: 4 Zylinder. Einlassventil 28.7 mm Durchmesser. Auslassventil 26.2 mm. (1) Mit Stopfen an der Fläche des Abgaskrümmers.

C 200 / 220 E 200 / 220 Sprinter 208 / 211 / 213 308 / 311 / 316 / 408 / 411 413 / 416	OM611960 OM611961 OM611962 OM611981	2.2 CDI 2151	6110103620	1998 / 03	16	641892 O.E. 6110500225	647114 O.E. 6110500801 6110502201 647115 O.E.6110500101 6110501801	647114K = 647114 647115 + 16 0 0 0	258145

(1)

Sin taladros
Without Drill Holes
Sans trous
Ohne Bohren



908577
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908677
908577 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: 4 Cilindros. Válvula admisión ø 30.1 mm. Válvula de escape ø 28.4 mm. (1) Taladro Ø 18 mm en cara colector es escape

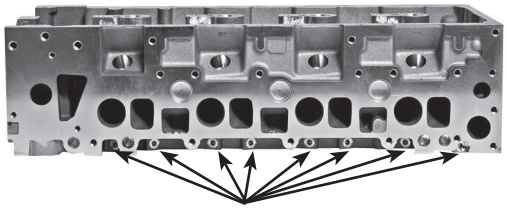
Remarks: 4 Cylinders. Inlet valve ø 30.1 mm. Exhaust valve ø 28.4 mm. (1) With drill Ø 18 mm on the exhaust manifold face.

Remarques: 4 Cilindres. Soupapes: Diamètre adm ø 30.1 ech ø 28.4. (1) With trou Ø 18 mm on the exhaust manifold face.

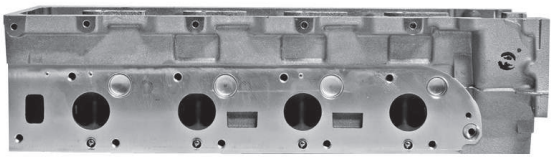
Bemerkungen: 4 Zylinder. Einlassventil ø 30.1 mm Durchmesser. Auslassventil ø 28.4 mm. Mit Bohren Ø 18 mm an der Fläche des Abgaskrümmers.

MERCEDES

		Cm3	O. E.	YEARS				KIT	KIT
C200 Sprinter Viano	OM646811 OM646812 OM646820 OM646821	2.2 CDI 2151	6460100820 6460101120	2007 →	16	641892 O.E. 6110500225			258145



908720
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908820
908720 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: (1) 8 Bolas Ø 5 en cara colectores de admisión. Injector DELPHI

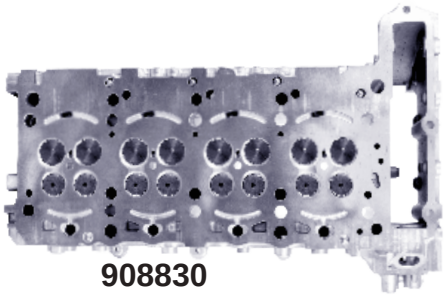
Remarks: (1) Intake manifold side 8 balls 5mm diameter. Injector DELPHI

Remarques: (1) Collecteur d' admission face 8 billes 5mm diamètre. Injecteur DELPHI

Bemerkungen: (1) 8 Kugel 5mm Durchmesser in Ansaugkrümmerseite. Düsendurchmesser DELPHI

C180 C200 D C220 C220 COUPÉ CLS220 E200 E220 COUPÉ GLE250 D	GLE250 D 4-MATIC GLK200 GLK220 4-MATIC ML250 4-MATIC SLC250 D SLK250 SPRINTER	OM651911 OM651912 OM651913 OM651916 OM651921 OM651924 OM651925 OM651958 OM651960 OM651980	2.2 CDI 2143	6510108418	2007 →	16	670994 = 16 x 670394 O.E. A651050033 + 16 x 670395 O.E. A651050080			258723

908730
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908830
908730 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: EURO6
(1) Alojamiento de árbol de levas para árbol con rodamiento de bolas.

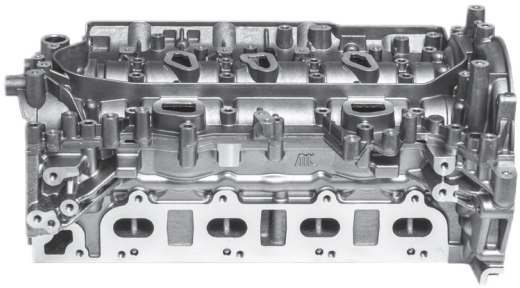
Remarks: EURO6
(1) Camshaft housing for ball bearing camshaft.

Remarques: EURO6
(1) Carter d'arbre à cames pour arbre avec roulement à billes.

Bemerkungen: EURO6
(1) Nockenwellengehäuse für Welle mit Kugellager.

MERCEDES

		Cm3	O. E.	YEARS				KIT	KIT
X 220 X 250	OM699300 OM699301 OM699DE23LA	2.3 dCi	6990101800	2017 →	16	670912 = 16 x 670311 O.E. 6260500700 + 16 x 670312 O.E. 6260500400	647201 Adm./ Inlet O.E.6990500000 647202 Esc./Exhaust O.E. 6990500100	647201K = 647201 647202 + 16+16 / 0 / 0 / 0	258797



908325
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908335
908325 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908435
908335 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

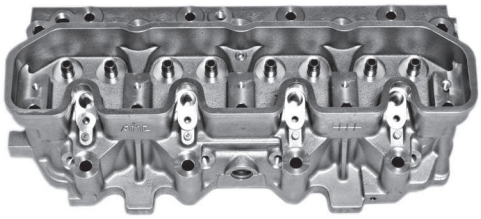
Observaciones: Biturbo.

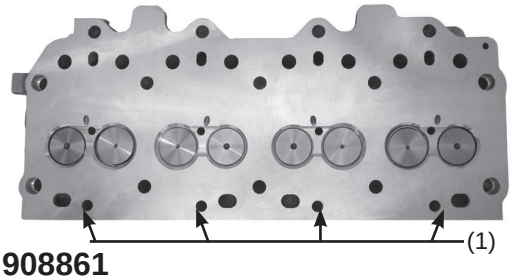
Remarks: Biturbo.

Remarques: Biturbo.

Bemerkungen: Biturbo.

Sprinter	300	2.5 TDI 2.495		1997 →	8				258100





908761
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908861
908761 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: **Inyección directa.** (1) 4 taladros de anclaje. ø 10.75 mm

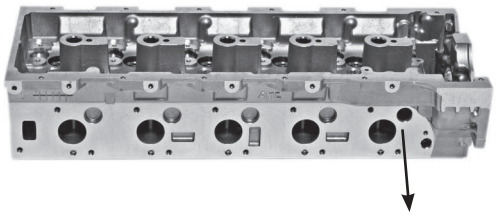
Remarks: **Direct injection.** (1) 4 bolts 10.75 mm diameter.

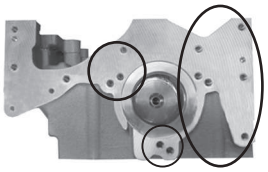
Remarques: Injection directe. (1) 4 pas de vis de diamètre 10.75 mm.

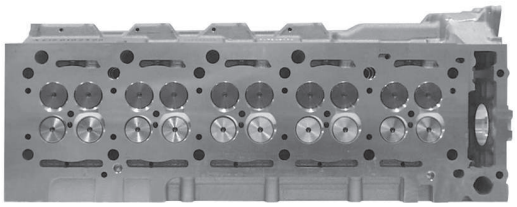
Bemerkungen: Direkteinspritzer. (1) Schraubdurchmesser 10.75 mm.

MERCEDES

		Cm3	O. E.	YEARS				KIT	KIT
C270 CLK270 E270 G270 ML270 Sprinter 216 Sprinter 316 Sprinter 416 Sprinter 616	OM612961 OM612962 OM612963 OM612965 OM612967	2.7 CDI 2685	6120102320 6120102020 6120101420	1999 →	20	641892 O.E. 6110500225	647265 O.E. 6120502001 647266 O.E. 6120500101 O.E. 6120501601	647265K = 647265 647266 + 20 o o o	258146







908575
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

(1) Taladro Ø 18 mm
Hole Ø 18 mm
Trou Ø 18 mm
Bohrung Ø 18 mm

908675
908575 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

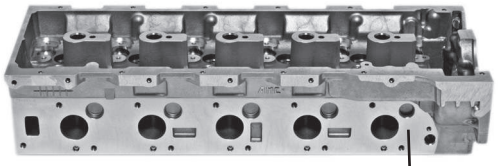
Observaciones: 5 Cilindros. Válvula admisión ø 30.1 mm. Válvula de escape ø 28.4 mm. Inyección directa. (1) Con taladro ø 18mm en cara de colector de escape.

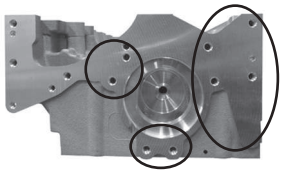
Remarks: 5 Cylinders. Inlet valve ø 30.1 mm. Exhaust valve ø 28.4 mm. Direct injection. (1) With hole ø 18mm on the exhaust manifold face.

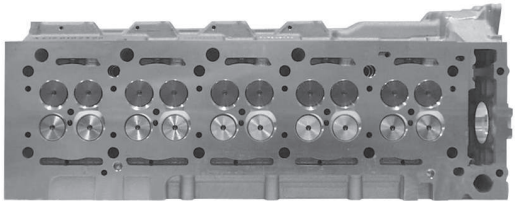
Remarques: 5 Cilindres. Soupapes: Diamètre adm ø 30.1 ech ø 28.4 mm. Injection directe. (1) Avec trou ø 18mm sur la face du collecteur d'échappement.

Bemerkungen: 5 Zylinder. Einlassventil ø 30.1 mm Durchmesser. Auslassventil ø 28.4 mm. Direkteinspritzer. (1) Mit Bohrung ø18mm an der Fläche des Abgaskrümmers.

Sprinter 316 / 416 / 616	OM647961 OM647981	2.7 CDI 2685	6120102120 6470100420	2000 / 07	20	641892 O.E. 6110500225			258146







908576
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

(1) Con tapón
With plug
Avec bouchon
Mit Stopfen

908676
908576 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: 5 Cilindros. Válvula admisión ø 28.7 mm. Válvula de escape ø 26.2 mm. Inyección directa. (1) Con tapón en cara de colector de escape.

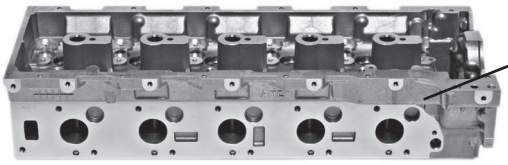
Remarks: 5 Cylinders. Inlet valve ø 28.7 mm. Exhaust valve ø 26.2mm. Direct injection. (1) With plug on the exhaust manifold face.

Remarques: 5 Cilindres. Soupapes: Diamètre adm ø 28.7 mm ech ø 26.2 mm. Injection directe. (1) Avec bouchon sur la face du collecteur d'échappement.

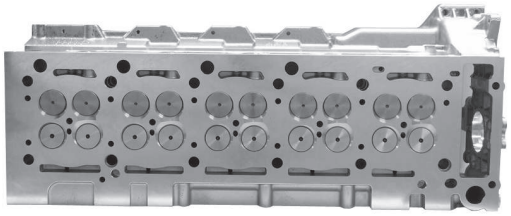
Bemerkungen: 5 Zylinder. Einlassventil ø 28.7 mm Durchmesser. Auslassventil ø 26.2 mm. Direkteinspritzer. (1) Mit Stopfen an der Fläche des Abgaskrümmers.

MERCEDES

		Cm3	O. E.	YEARS				KIT	KIT
C270	OM612981	2.7 CDI 2685	6120103220 6120103520	2003	20	641892 O.E. 6110500225	647265 O.E. 6120502001 647266 O.E. 6120500101 O.E. 6120501601	647265K = 647265 647266 + 20 O O O	258146



(1) Con tapón
With plug
Avec bouchon
Mit Stopfen



Con taladros M 10x1.5
With Drill Holes M 10x1.5
Avec trous M 10x1.5
Mit Bohren M 10x1.5

908578
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908678
908578 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

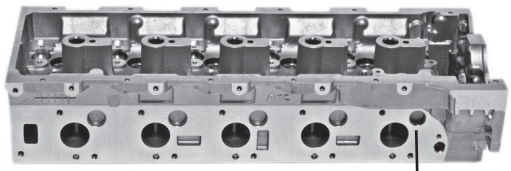
Observaciones: 5 Cilindros. Válvula admisión ø 30.1 mm. Válvula de escape ø 28.4 mm. Inyección directa. (1) Con tapón en cara de colector de escape.

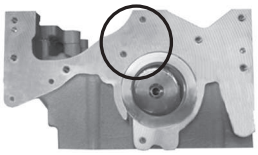
Remarks: 5 Cylinders. Inlet valve ø 30.1 mm. Exhaust valve ø 28.4mm. Direct injection. (1) With plug on the exhaust manifold face.

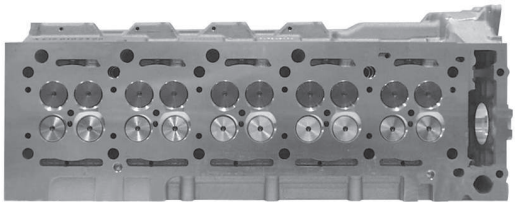
Remarques: 5 Cilindres. Soupapes: Diamètre adm 30.1 ech 28.4 mm. Injection directe. (1) Avec bouchon sur la face du collecteur d'échappement.

Bemerkungen: 5 Zylinder. Einlassventil 30.1 mm Durchmesser. Auslassventil 28.4 mm. Direkteinspritzer. (1) Mit Stopfen an der Fläche des Abgaskrümmers.

Sprinter Vito	OM612990	3.0 CDI 2950	6120103120 6120102520	2002 / 2008	20	641892 O.E. 6110500225			258146







908775
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

(1) Con tapón
With plug
Avec bouchon
Mit Stopfen

908875
908775 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: 5 Cilindros. Válvula admisión ø 30.1 mm. Válvula de escape ø 28.4 mm. Inyección directa. (1) Con tapón en cara de colector de escape.

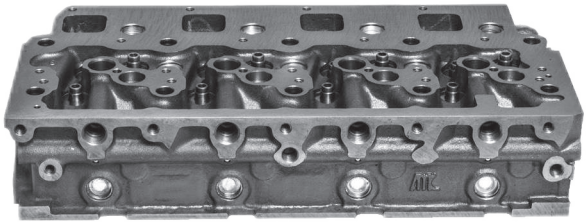
Remarks: 5 Cylinders. Inlet valve ø 30.1 mm. Exhaust valve ø 28.4mm. Direct injection. (1) With plug on the exhaust manifold face.

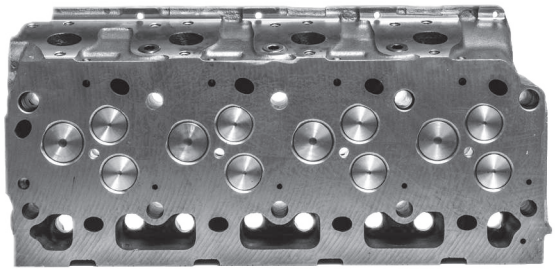
Remarques: Soupapes: Diamètre adm 30.1 ech 28.4 mm. Injection directe. (1) Avec bouchon sur la face du collecteur d'échappement.

Bemerkungen: 5 Zylinder. Einlassventil 30.1 mm Durchmesser. Auslassventil 28.4 mm. Direkteinspritzer. (1) Mit Stopfen an der Fläche des Abgaskrümmers.

MERCEDES

		Cm3	O. E.	YEARS				KIT	KIT
Accelo Unimog Atego LK LN2 Series OH Series OF	OM904 OM924	4.2 4.8	9040103621	10.2004 →	12				259088





909086
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Observaciones: Sin válvula Top Brake (EVB).
Ángulo de Escape: 45º
Euro 3 y 4 / Dolla del inyector M14X1

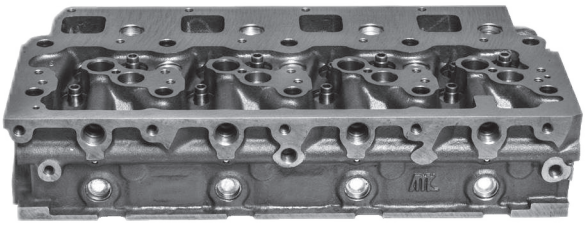
Remarques: Sans soupape Top Brake (EVB).
Angle d'échappement: 45º
Euro 3 et 4 / Douille d'injecteur M14X1

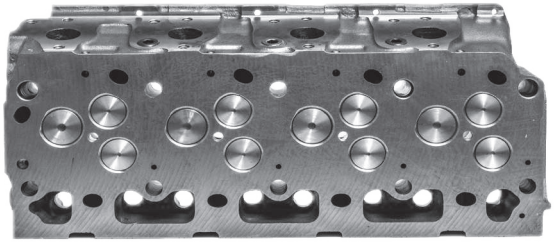
909186
909086 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks: Without Top Brake valve (EVB).
Exhaust Angle: 45º
Euro 3 and 4 / Injector sleeve M14x1

Bemerkungen: Ohne ventile Top Brake (EVB).
Auslasswinkel: 45º
Euro 3 und 4 / Einspritzhülse M14X1

Accelo Unimog Atego LK LN2 Series OH Series OF	OM904 OM924	4.2 4.8	9040102520 9040102921 9040103120 9040103121 9040103520 9040103721 9040103921	9040104220 9040105420 9040106320 6040107420 9040108420 9040109520 9040109620	1998→2004 10.2004 →	12				259088





909087
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Observaciones: Sin válvula Top Brake (EVB).
Ángulo de Escape: 36º
Euro 5 / Dolla del inyector M14X1

Remarques: Sans soupape Top Brake (EVB).
Angle d'échappement: 36º
Euro 5 / Douille d'injecteur M14X1

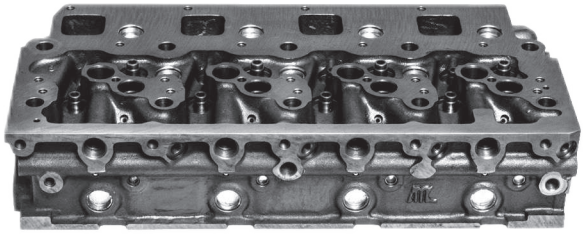
909187
909087 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks: Without Top Brake valve (EVB).
Exhaust Angle: 36º
Euro 5 / Injector sleeve M14x1

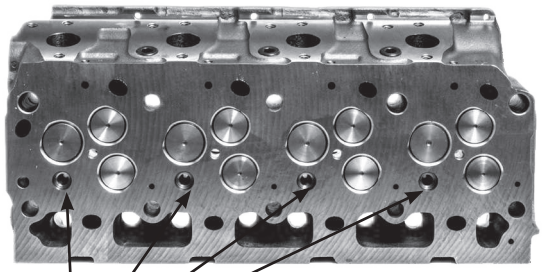
Bemerkungen: Ohne ventile Top Brake (EVB).
Auslasswinkel: 36º
Euro 5 / Einspritzhülse M14X1

MERCEDES

		Cm3	O. E.	YEARS				KIT	KIT
Accelo Atego LK LN2 Series OH Series OF	OM904 OM924	4.2 4.8	9040103221 9040103021	10.2004 →	12				259088



909088
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



(1)

909188
909088 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

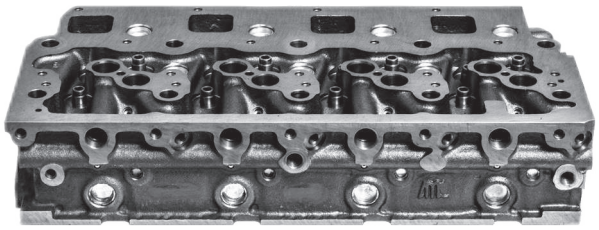
Observaciones: (1) Sistema EVB. Válvula EVB no incluida.
Ángulo de Escape: 45º
Euro 3 y 4 / Dolla del inyector M14X1

Remarks: (1) EVB System. EVB valve not included.
Exhaust Angle: 45º
Euro 3 and 4 / Injector sleeve M14x1

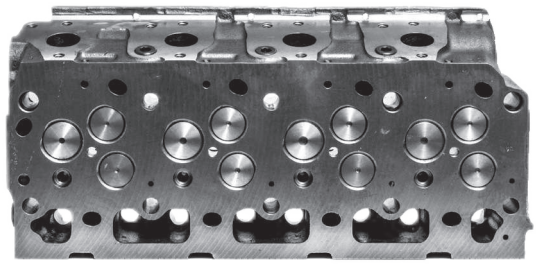
Remarques: (1) Système EVB. Suopape EVB non incluse.
Angle d'échappement: 45º
Euro 3 et 4 / Douille d'injecteur M14X1

Bemerkungen: (1) System EVB. EVB-Ventil nicht im lieferumfang enthalten.Auslasswinkel: 45º
Euro 3 und 4 / Einspritzhülse M14X1

Accelo Atego LK LN2 Series OH Series OF	Unimog	OM904 OM924	4.2 4.8	9040102820 9040102821 9040103220 9040103321 9040103421 9040103521 9040103620	9040104320 9040104920 9040106120 9040107320 9040108320 9040109320	1998 → 2004 10.2004 →	12				259088



909089
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909189
909089 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

909289
909089 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Ángulo de Escape: 36º / Euro 5 / Dolla del inyector M14X1
-**909189**: Sistema EVB. Válvula EVB no incluida.
-**909289**: Sistema EVB. Válvula EVB incluida.

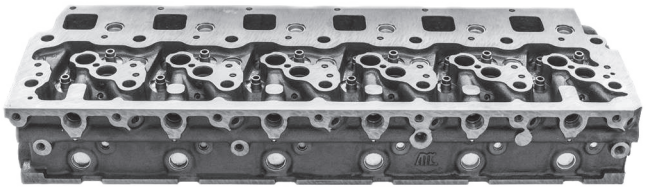
Remarks: Exhaust Angle: 36º / Euro 5 / Injector sleeve M14x1
-**909189**: EVB System. EVB valve not included.
-**909289**: EVB System. EVB valve included.

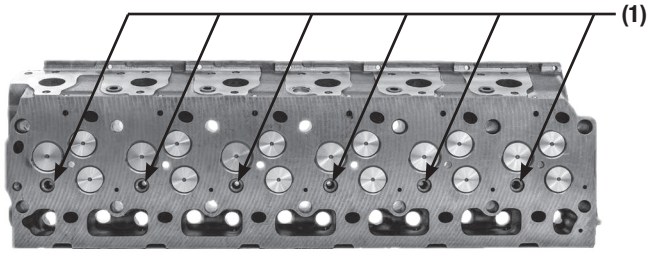
Remarques: Angle d'échappement: 36º / Euro 5 / Douille d'injecteur M14X1
-**909189**: Système EVB. Soupape EVB non incluse.
-**909289**: Système EVB. Soupape EVB incluse.

Bemerkungen: Auslasswinkel: 36º / Euro 5 / Einspritzhülse M14X1
-**909189**: System EVB. EVB-Ventil nicht im lieferumfang enthalten.
-**909289**: System EVB. EVB-Ventil im lieferumfang enthalten.

MERCEDES

		Cm3	O. E.	YEARS				KIT	KIT
Atego Axor Citaro Conecto Touro Series OH Setra Series 400	OM906 HLA OM906 LA OM926 LA	6.4 7.2	9060105921 9060107221 9060107321 9060107421 9060107521	10.2004 →	18				259080





909080
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

909180
909080 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

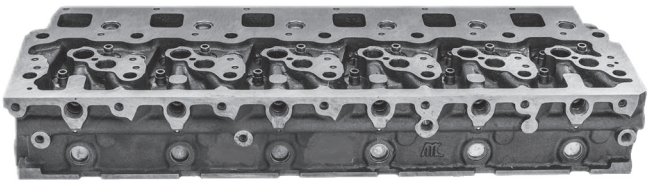
Observaciones: (1) Sistema EVB. Válvula EVB no incluida.
Ángulo de Escape: 45º
Euro 2, 3 y 4. / Motores en línea / Dolla del inyector M14X1

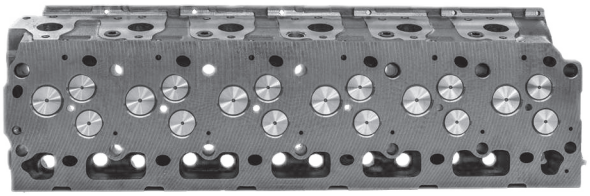
Remarks: (1) EVB System. EVB valve not included.
Exhaust Angle: 45º
Euro 2, 3 and 4. / Inline engines / Injector sleeve M14x1

Remarques: (1) Système EVB. Soupape EVB non incluse.
Angle d'échappement: 45º
Euro 2, 3 et 4. / Moteurs en ligne / Douille d'injecteur M14X1

Bemerkungen: (1) System EVB. EVB-Ventil nicht im lieferumfang enthalten.
Auslasswinkel: 45º
Euro 2, 3 und 4. / Inline-motoren / Einspritzhülse M14X1

Atego Axor Citaro Conecto Touro Series OH Setra Series 400	OM906 OM926	6.4 7.2	9060104920 9060105820 9060107020 9060109420 9060101321 9060107721	9060107921 9060108021 9260100620 9260101220	10.2004 →	18				259080





909400
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

909500
909400 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Sin válvula Top Brake (EVB).
Ángulo de Escape: 45º
Euro 3 y 4 / Dolla del inyector M14X1

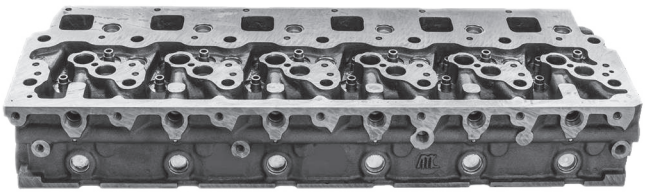
Remarks: Without Top Brake valve (EVB).
Exhaust Angle: 45º
Euro 3 and 4 / Injector sleeve M14x1

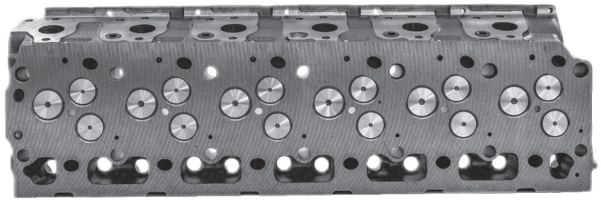
Remarques: Sans soupape Top Brake (EVB).
Angle d'échappement: 45º
Euro 3 et 4 / Douille d'injecteur M14X1

Bemerkungen: Ohne ventile Top Brake (EVB).
Auslasswinkel: 45º
Euro 3 und 4 / Einspritzhülse M14X1

MERCEDES

		Cm3	O. E.	YEARS				KIT	KIT
Atego Axor Citaro Conecto Touro Series OH Setra Series 400	OM906 OM926	6.4 7.2	9260104020	01.2001 → 01.2012 →	18				259080





909401
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

909501
909401 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

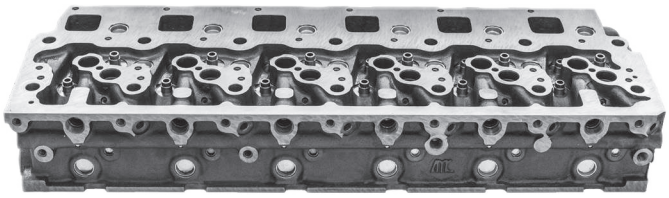
Observaciones: Sin válvula Top Brake (EVB).
Ángulo de Escape: 36º
Euro 5 / Dolla del inyector M14X1

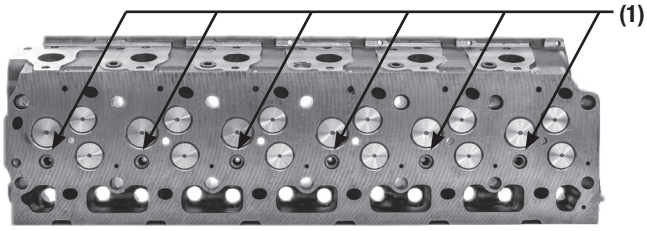
Remarks: Without Top Brake valve (EVB).
Exhaust Angle: 36º
Euro 5 / Injector sleeve M14x1

Remarques: Sans soupape Top Brake (EVB).
Angle d'échappement: 36º
Euro 5 / Douille d'injecteur M14X1

Bemerkungen: Ohne ventile Top Brake (EVB).
Auslasswinkel: 36º
Euro 5 / Einspritzhülse M14X1

Atego Axor Citaro Conecto Touro Series OH Setra Series 400	OM906 OM926	6.4 7.2	9060101021 9060106921 9060103021 9060107021 9060103421 9060107621 9060105120 9060108121 9060105520 9061018221 9090106620 9060109120 9060106721 9260100720 9060106821 9260101120	01.2001 → 01.2012 →	18				259080





909402
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

909502
909402 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

909602
909402 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Ángulo de Escape: 36º. Euro 5 / Dolla del inyector M14X1
(1) Sistema EVB.
-909502: Sistema EVB. Válvula EVB no incluida.
-909602: Sistema EVB. Válvula incluida.

Remarks: Exhaust Angle: 36º. Euro 5 / Injector sleeve M14x1
(1) EVB System.
-909502: EVB System. EVB valve not included.
-909602: EVB System. EVB valve included.

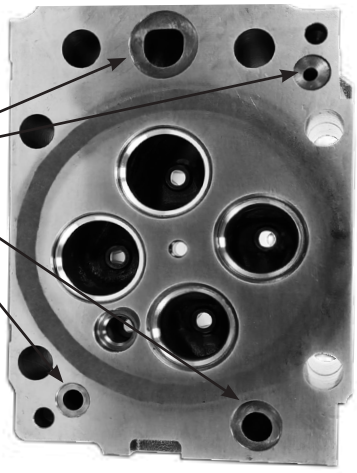
Remarques: Angle d'échappement: 36º. Euro 5 / Douille d'injecteur M14X1
(1) Système EVB.
-909502: Système EVB. Soupape EVB non incluse.
-909602: Système EVB. Soupape EVB incluse.

Bemerkungen: en.Auslasswinkel: 36º. Euro 5 / Einspritzhülse M14X1
(1) System EVB.
-909502: System EVB. EVB-Ventil nicht im lieferumfang enthalten.
-909602: System EVB. EVB-Ventil im lieferumfang enthalten.

MERCEDES

		Cm3	O. E.						KIT	KIT
Actros Setra Series 400 Power Systems Gensets	OM501 LA OM502 LA OM541	12.0 14.7	5410100721 5410101421 5410103221 5410104621 5410104821 5410105021	5410109720 5410102921 5410103621 5410104021	1997 → 2002 04.2003 →	4				259081

CON REFUNDIDO
WITH RECESS
AVEC ÉVIDEMENT
MIT VERTIEFUNG



909081
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

909181
909081 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Sistema EVB. Válvula EVB no incluida.
Euro 4 y 5 / Motores en V / Dolla del inyectormétrica entrada M14X1, metrica salida Ø9.6mm.

Remarks: EVB System. EVB valve not included.
Euro 4 and 5 / V engines / Injector sleeve: upper metric M14x1, lower metric Ø9.6mm.

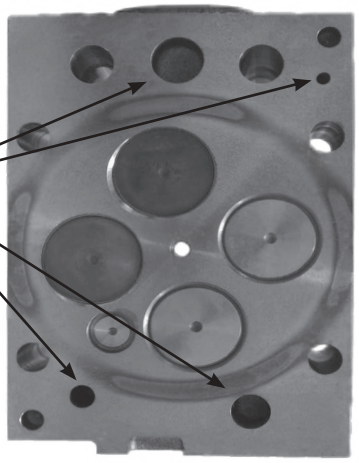
Remarques: Système EVB. Soupape EVB non incluse.
Euro 4 et 5 / Moteurs en V / Douille d'injecteur : métrique d'entrée M14X1, métrique de sortie Ø9.6mm.

Bemerkungen: System EVB. EVB-Ventil nicht im lieferumfang enthalten.
Euro 4 und 5 / V-motoren / Einspritzhülse: : Eingabemetrik M14X1, Ausgabemetrik Ø9.6mm.

Atron Axor Zetros Capacity Citaro Conecto	Touro Bus Setra 400 Bus Setra 500	OM457LA / HLA	12.0	4570100221 4570100421 4570103720 4570104020 4570104620 4570105220 4570105520 4570107120	10.2004 →	4				259082

909082
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

SIN REFUNDIDO
WITHOUT RECESS
SANS ÉVIDEMENT
OHNE VERTIEFUNG



909182
909082 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Sistema EVB. Válvula EVB no incluida.
Ángulo de Escape: 45º / Euro 2 / Dolla del inyector: métrica entrada M14X1, metrica salida Ø7.6mm.

Remarks: EVB System. EVB valve not included.
Exhaust Angle: 45º / Euro 2 / Injector sleeve: upper metric M14x1, lower metric Ø7.6mm.

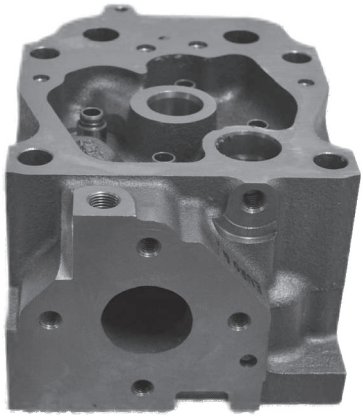
Remarques: Système EVB. Soupape EVB non incluse.
Angle d'échappement: 45º / Euro 2 / Douille d'injecteur: métrique d'entrée M14X1, métrique de sortie Ø7.6mm.

Bemerkungen: System EVB. EVB-Ventil nicht im lieferumfang enthalten.
Auslasswinkel: 45º / Euro 2 / Einspritzhülse: Eingabemetrik M14X1, Ausgabemetrik Ø7.6mm.

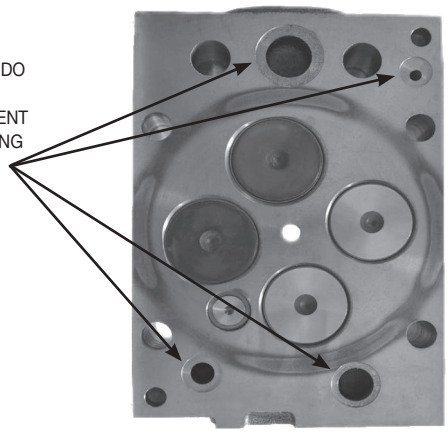
MERCEDES

		Cm3	O. E.		YEARS				KIT	KIT
Atron Axor Zetros Capacity Citaro Conecto Touro Bus Setra 400 Bus Setra 500	OM457LA / HLA OM460LA	12.0	4570100621 4570100721 4570101521 4570103820 4570104720 4570104921 4570105120 4570105620 4570105820 4570106020	4570107420 4570108620 4570108820 4570109820 4600100120 4600100320 4600100620 4600101720 4600101820 4600101829	01.2011 →	4				259082

909083
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



CON REFUNDIDO
WITH RECESS
AVEC ÉVIDEMENT
MIT VERTIEFUNG



909183
909083 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Sistema EVB. Válvula EVB no incluida.
Ángulo de Escape: 36º / Euro 3, 4 y 5 / Dolla del inyectormétrica entrada M14X1, metrica salida Ø9.6mm.

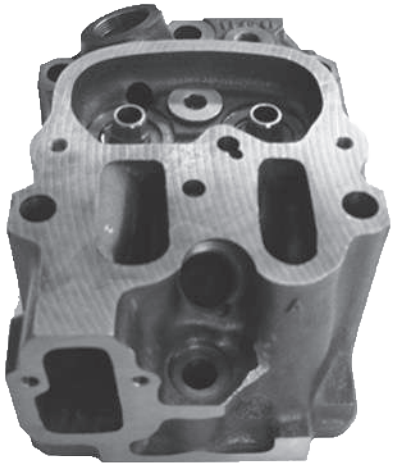
Remarks: EVB System. EVB valve not included.
Exhaust Angle: 36º / Euro 3, 4 and 5 / Injector sleeve: upper metric M14x1, lower metric Ø9.6mm.

Remarques: Système EVB. Soupape EVB non incluse.
Angle d'échappement: 36º / Euro 3, 4 et 5 / Douille d'injecteur : métrique d'entrée M14X1, métrique de sortie Ø9.6mm.

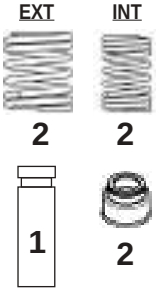
Bemerkungen: System EVB. EVB-Ventil nicht im lieferumfang enthalten.
Auslasswinkel: 36º / Euro 3, 4 und 5 / Einspritzhülse: : Eingabemetrik M14X1, Ausgabemetrik Ø9.6mm.

Conecto Bus-O405 Bus-O407 Bus-O408	OM447 OM449	12.0	4470100020 4470100120	2001 → 1984 → 1987 - 2001 1992 - 1998	2				259091

909084
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909184
909084+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: Sin válvula Top Brake (EVB).
Ángulo de Escape: 45º

Remarks: Without Top Brake valve (EVB).
Exhaust Angle: 45º

Remarques: Sans soupape Top Brake (EVB).
Angle d'échappement: 45º

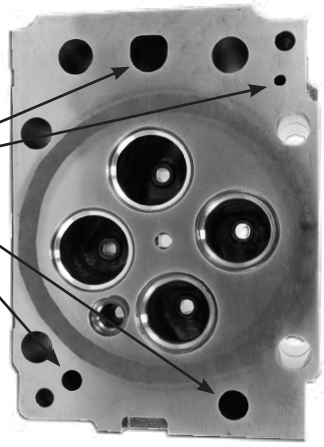
Bemerkungen: Ohne ventile Top Brake (EVB).
Auslasswinkel: 45º

MERCEDES

		Cm3	O. E.	YEARS				KIT	KIT
Actros Setra Series 400 Power Systems Gensets	OM501 LA OM502 LA OM541	12.0 14.7	5410103421 5410105320 5410104520 5410102720 5410101920 5410101020	1997 → 2002 04.2003 →	4				259081

SIN REFUNDIDO
WITHOUT RECESS
SANS ÉVIDEMENT
OHNE VERTIEFUNG

909085
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909185
909085 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Sistema EVB. Válvula EVB no incluida.
Euro 2 y 3 / Motores en V / Dolla del inyector: métrica entrada M14X1, metrica salida Ø7.6mm.

Remarks: EVB System. EVB valve not included.
Euro 2 and 3 / V engines / Injector sleeve: upper metric M14x1, lower metric Ø7.6mm.

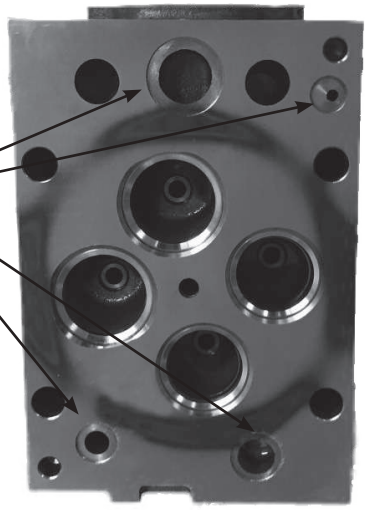
Remarques: Système EVB. Soupape EVB non incluse.
Euro 2 et 3 / Moteurs en V / Douille d'injecteur: métrique d'entrée M14X1, métrique de sortie Ø7.6mm.

Bemerkungen: System EVB. EVB-Ventil nicht im lieferumfang enthalten.
Euro 2 und 3 / V-motoren / Einspritzhülse: Eingabemetrik M14X1, Ausgabemetrik Ø7.6mm.

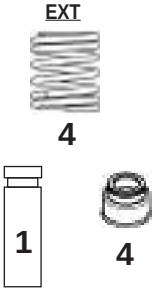
Axor Capacity Citaro Conecto Integro Intouro	Bus Setra 400 Tourismo Travego	OM457941 / 942 / 943 / 944 / 947 / 950 / 951 / 952 953 / 954 / 959 / 960 / 961 964 / 965 / 967 / 969 / 973 974 / 975 / 976	12.0	4570100821 4570101621 4570108720	1999 →	4			259082

CON REFUNDIDO
WITH RECESS
AVEC ÉVIDEMENT
MIT VERTIEFUNG

909292
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909392
909292+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: Ángulo de Escape: 36º. Dolla del inyectormétrica entrada M14X1, metrica salida Ø9.6mm. EVB no incluido.

Remarks: Exhaust Angle: 36º. Injector sleeve: upper metric M14x1, lower metric Ø9.6mm. EVB not included.

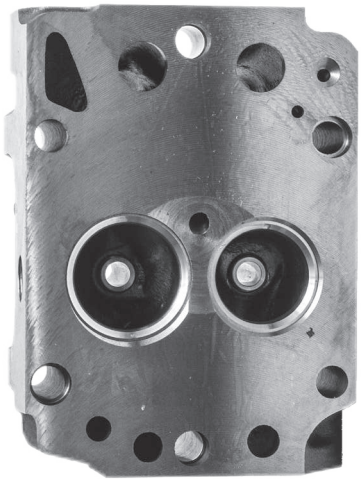
Remarques: Angle d'échappement: 36º. Douille d'injecteur : métrique d'entrée M14X1, métrique de sortie Ø9.6mm. EVB pas inclus.

Bemerkungen: Auslasswinkel: 36º. Einspritzhülse: : Eingabemetrik M14X1, Ausgabemetrik Ø9.6mm. EVB nicht mitgeliefert.

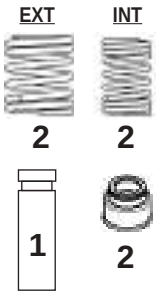
MERCEDES

		Cm3	O. E.	YEARS				KIT	KIT
Industrial	OM442 OM447	14.7 15.0	4420100120 4420100820 4420101220 4420101320	01/2004 →	2				259091

909291
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909391
909291+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: Sin válvula Top Brake (EVB).
Euro 1

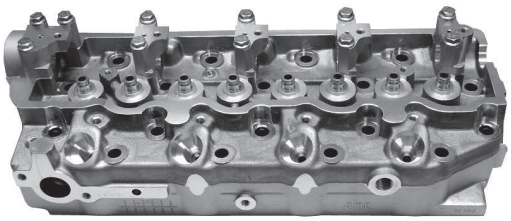
Remarks: Without Top Brake valve (EVB).
Euro 1

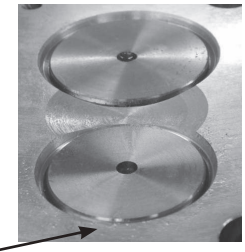
Remarques: Sans soupape Top Brake (EVB).
Euro 1

Bemerkungen: Ohne ventile Top Brake (EVB).
Euro 1

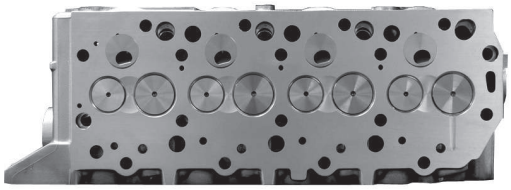
MITSUBISHI

		Cm3	O. E.	YEARS				KIT	KIT
Canter Fuso Warrior L200 L300 Montero Pajero Shougan	4D56 4D56T	2.5 TD 2477	MD303750 MD348983 MD351277 MR984455	1994 →	8		664841 O.E. MD302333		258512





(1)



908513
Guías + Asientos profundos + Precámaras
Guides + Deep Seats + P.C. Chambers
Guides + Sièges + Chambres de precombustion.
Führungen + Tiefe Ventilsitze + Vorkammern

908313
908513 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908613
908313 +:
Árbol de levas
Camshaft
Arbre à cames
Nockenwellen

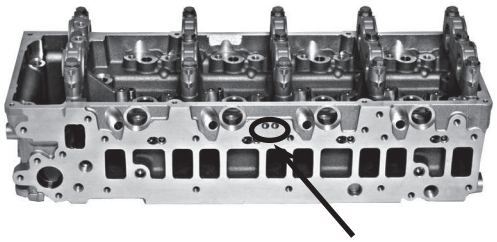
Observaciones: Inyectores ø 20 mm. (1) Válvulas hundidas respecto del plano de la culata. Válvula admisión ø 40 mm. Válvula de escape ø 34 mm. Altura válvulas 130 mm.

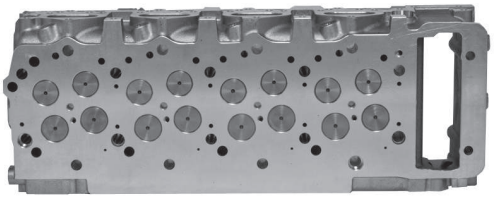
Remarks: Injectors ø 20 mm. (1) Valves under main surface level. Inlet valve ø 40 mm. Exhaust valve ø 34 mm. Valve's height 130 mm.

Remarques: Sièges profonds. Fixation injecteurs 20 mm. Livrée avec les chapeaux de paliers d'arbres a cames. Soupapes: Diamètre adm 40 ech 34 mm. Hauteur soupapes 130 mm.

Bemerkungen: 20 mm Düsendurchmesser. (1) Ventile stehen unter die Einspritzdüsen. Einlassventil 40 mm Durchmesser. Auslassventil 34 mm. Ventilshöhe 130 mm. Ventile stehen über die Einspritzdüsen.

Canter Fuso Pajero	4M42	3.0 DID 2977	ME194230 ME194766 ME194790 ME204399	2000 →	16		647214 Adm./ Inlet O.E. ME203074 647215 Esc./Exhaust O.E. ME203075	647214K = 647214 647215 + o o o o	258517





908517
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908617
908517 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Válvula admisión ø 30 mm. Válvula de escape ø 28 mm. 4 Cilindros. Inyección directa.

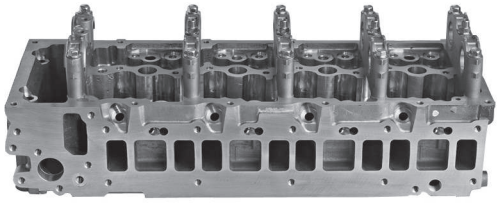
Remarks: Inlet valve ø 30 mm. Exhaust valve ø 28 mm. 4 Cylinders. Direct injection.

Remarques: Soupapes: Diametre adm 30 ech 28 mm. Injection directe.

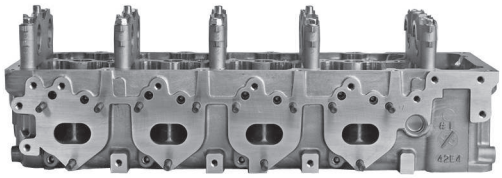
Bemerkungen: Einlassventil ø 30 mm. Auslassventil ø 28 mm. 4 Zylinder. Direkteinspritzer.

MITSUBISHI

		Cm3	O. E.	YEARS				KIT	KIT
Canter Fuso	4M423AT2 4M423AT4 4M424AT	3.0 DID	ME194151	2007 →	16		647157 **Adm. / Inlet** OE. ME193163 647158 **Esc. / Exhaust** OE. ME191388		258517



908516
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908616
908516 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

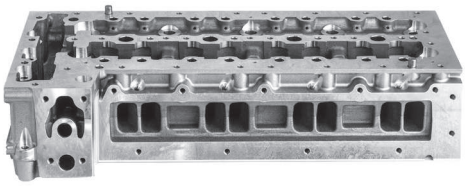
Observaciones: Common Rail

Remarks: Common Rail

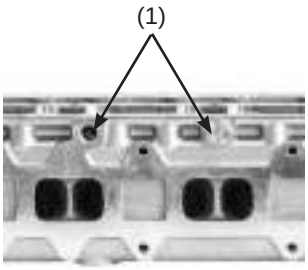
Remarques: Common Rail

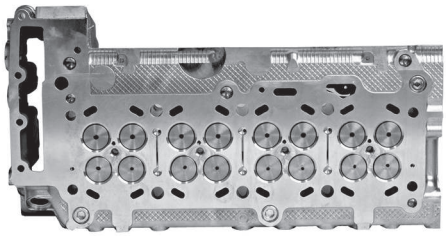
Bemerkungen: Common Rail

Canter Fuso	4P10T2 4P10T4 4P10T6	3.0 DID 2.998	MK667922	2009 →	16	670381 O.E. 68196592AA	647271 **Adm. / Inlet** OE. 68172837AA 647272 **Esc. / Exhaust** OE. 68133370AA	**647271K** = 647271 + 647272 16 / 0 / 0 / 0	258546



908559
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.





908659
908559 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Válida para motores Turbo y Biturbo. (1) 2 taladros de ø 14 mm en la cara de colectores. Euro 5.

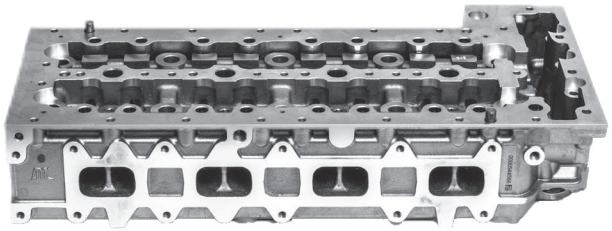
Remarks: Valid for Turbo and Biturbo engines. (1) 2 drill holes 14 mm diameter on manifold's side. Euro 5.

Remarques: Valable pour les moteurs Turbo et Biturbo. (1) 2 trous diamètre 14 sur face des collecteurs. Euro 5

Bemerkungen: Das ist gilt für Turbo und Biturbo. (1) 2 Bohrungen 14 mm diameter auf Einlassseite. Euro 5

MITSUBISHI

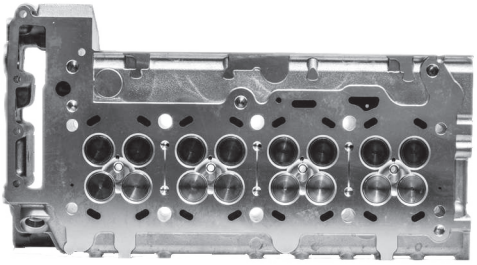
		Cm3	O. E.	YEARS				KIT	KIT
Canter Fuso	F1CFL411L	3.0 2998	QC000475	2015 →	16	670381 O.E. 504074464 504380370 504014269 504367673 5801455560	647271 **Adm. / Inlet** OE. MK667138 OE. MK667943 647272 **Esc. / Exhaust** OE. MK667139 OE. MK667942	**647271K** = 647271 647272 + o o o o	258546



908346
Guías + Asientos.
Guides + Seatss.
Guides + Sièges.
Führungen + Sitze.

Observaciones: Euro 6

Remarques: Euro 6

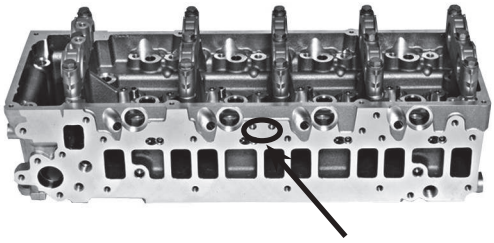


908446
908346 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks: Euro 6

Bemerkungen: Euro 6

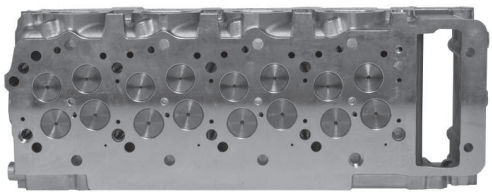
Canter Fuso Montero III Pajero	4M41	3.2 DID 3200	ME204200	2000 →	16		647214 **Adm./ Inlet** O.E. ME203074 647215 **Esc./Exhaust** O.E. ME203075	**647214K** = 647214 647215 + o o o o	258517



908518
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Observaciones: 4 Cilindros. Inyección directa. **Válvula admisión ø 33 mm. Válvula de escape ø 31 mm.**

Remarques: Injection directe. **Soupapes: Diametre adm 33 ech 31 mm.**



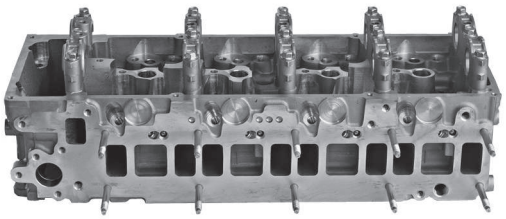
908618
908518 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks: 4 Cylinders. Direct injection. **Inlet valve ø 33 mm. Exhaust valve ø 31 mm.**

Bemerkungen: 4 Zylinder. Direkteinspritzer. **Einlassventil ø 33 mm. Auslassventil ø 31 mm.**

MITSUBISHI

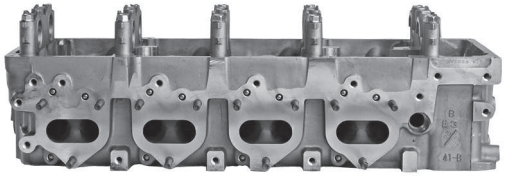
		Cm3	O. E.	YEARS				KIT	KIT
Canter Fuso Montero	4M41	3.2 DID 3200	1005B326 1005B341 1005B340	2007 →	16		647214 Adm./ Inlet O.E. ME203074 647215 Esc./Exhaust O.E. ME203075	647214K = 647214 647215 + o o o o	258517



908500
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Observaciones: Common Rail.

Remarques: Common Rail.

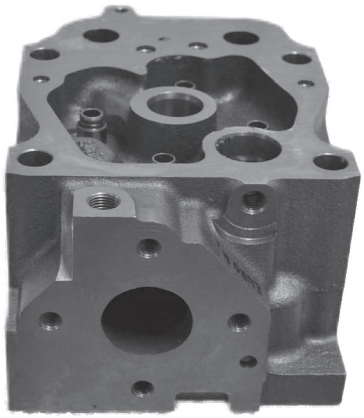


908600
908500 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks: Common Rail.

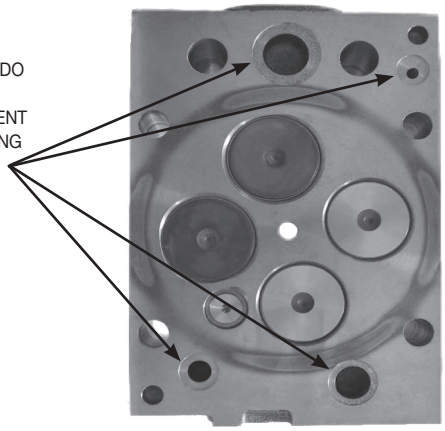
Bemerkungen: Common Rail.

Canter Fuso	OM457	12.0		2.011 →					259082



909083
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

CON REFUNDIDO
WITH RECESS
AVEC ÉVIDEMENT
MIT VERTIEFUNG



909183
909083 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Sistema EVB. Válvula EVB no incluida.
Ángulo de Escape: 36º / Euro 3, 4 y 5 / Dolla del inyector M14X1

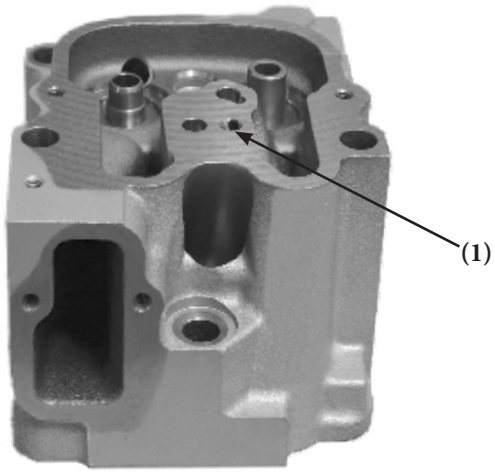
Remarks: EVB System. EVB valve not included.
Exhaust Angle: 36º / Euro 3, 4 and 5 / Injector sleeve M14x1

Remarques: Système EVB. Soupape EVB non incluse.
Angle d'échappement: 36º / Euro 3, 4 et 5 / Douille d'injecteur M14X1

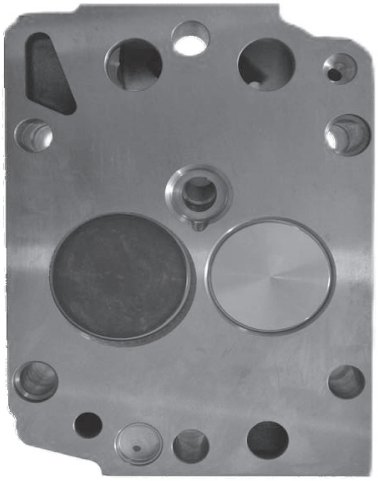
Bemerkungen: System EVB. EVB-Ventil nicht im lieferumfang enthalten.Auslasswinkel: 36º / Euro 3, 4 und 5 / Einspritzhülse M14X1

MTU

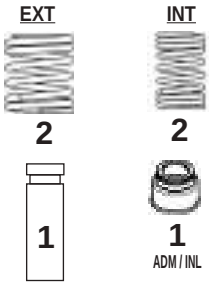
		Cm3	O. E.	YEARS				KIT	KIT
Motor Estacionario Stationary Engines	B3066L3 B3042L3 B3066L4 B3042L8 B3066Z8 B3042Z7		93216006416 93216006116 93216006725 93216006159 93216006109		2				



909090
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909190
909090+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



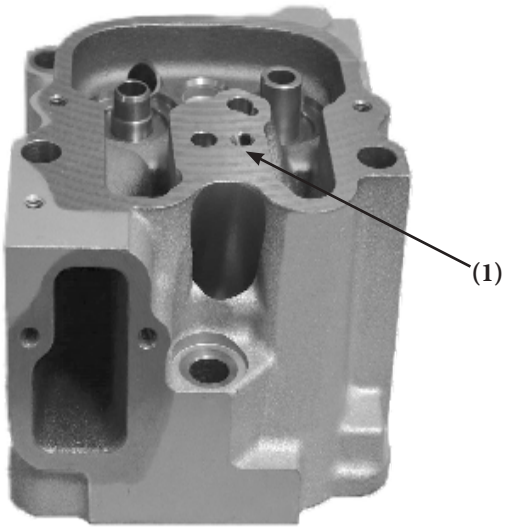
Observaciones: **GAS / BIOGAS**
(1) Guia de escape lubrificada. Bujia M14.

Remarks: **GAS / BIOGAS**
(1) Oil lubrificated exhaust valve guide. Spark plug M14.

Remarques: **GAS / BIOGAS**
(1) Guide de souppape d'échappement à l'huile. Bougie M14.

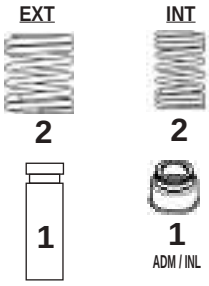
Bemerkungen: **GAS / BIOGAS**
(1) Ölschmierbarer auspuffventilführer. Zündkerze M14.

Motor Estacionario Stationary Engines	B3066L3 B3042L3 B3066L4 B3042L8 B3066Z8 B3042Z7				2				



909890
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

909990
909890+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: **GAS / BIOGAS**
(1) Guia de escape lubrificada. Bujía M18.

Remarks: **GAS / BIOGAS**
1) Oil lubrificated exhaust valve guide. Spark plug M18.

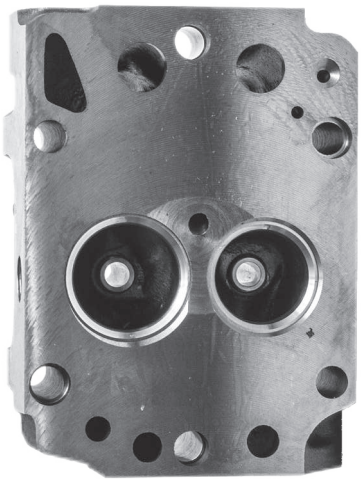
Remarques: **GAS / BIOGAS**
(1) Guide de souppape d'échappement à l'huile. Bougie M18.

Bemerkungen: **GAS / BIOGAS**
(1) Ölschmierbarer auspuffventilführer. Zündkerze M18.

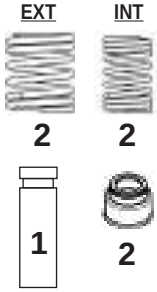
MTU

		Cm3	O. E.	YEARS				KIT	KIT
Ferrocarril Railway	OM442 OM447		4420100120 4420100820 4420101220 4420101320	01/2004 →	2				259091

909091
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909191
909091+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: Sin válvula Top Brake (EVB).
Euro 1

Remarks: Without Top Brake valve (EVB).
Euro 1

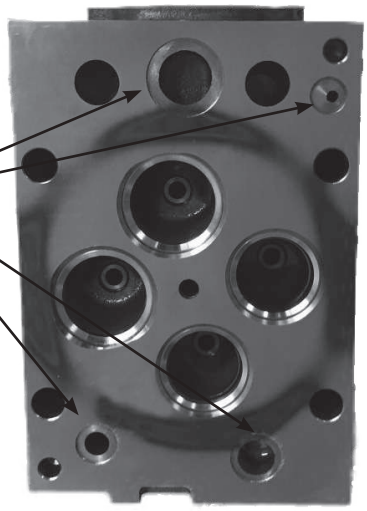
Remarques: Sans soupape Top Brake (EVB).
Euro 1

Bemerkungen: Ohne ventile Top Brake (EVB).
Euro 1

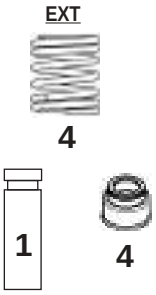
Ferrocarril Railway	OM460951 OM460953		4570100821 4570101621 4570108720	1999 →		4			259082

CON REFUNDIDO
WITH RECESS
AVEC ÉVIDEMENT
MIT VERTIEFUNG

909092
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909192
909092+:
Válvulas + Muelles.
Valves + Springs.
Soupapes + Ressorts.
Ventile + Ventilfedern.



Observaciones: Ángulo de Escape: 36º. Dolla del inyectormétrica entrada M14X1, metrica salida Ø9.6mm. EVB no incluido.

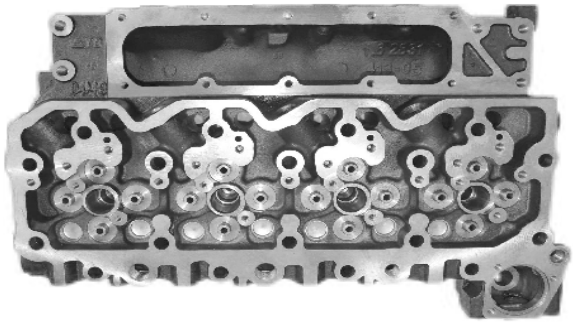
Remarks: Exhaust Angle: 36º. Injector sleeve: upper metric M14x1, lower metric Ø9.6mm. EVB not included.

Remarques: Angle d'échappement: 36º. Douille d'injecteur : métrique d'entrée M14X1, métrique de sortie Ø9.6mm. EVB pas inclus.

Bemerkungen: Auslasswinkel: 36º. Einspritzhülse: : Eingabemetrik M14X1, Ausgabemetrik Ø9.6mm. EVB nicht mitgeliefert.

NEW HOLLAND

		Cm3	O. E.	YEARS			KIT	KIT
AGRICULTURAL INDUSTRIAL	F4DE F4HE	3.9 3922	2831261 2831266		16			259420



909420
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Observaciones:
TECTOR 4

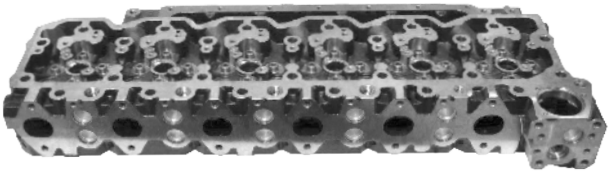
Remarks:
TECTOR 4

Remarques:
TECTOR 4

Bemerkungen:
TECTOR 4

909520
909420 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

AGRICULTURAL INDUSTRIAL	F4AE0684 F4AE0685 F4HE9684	F4HE9685 F4HE9687	5.9 5883	2831274 2831278 2831279 8099005	4893050 4893051 4899586		24			259421



909421
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Observaciones:
TECTOR 6

Remarks:
TECTOR 6

Remarques:
TECTOR 6

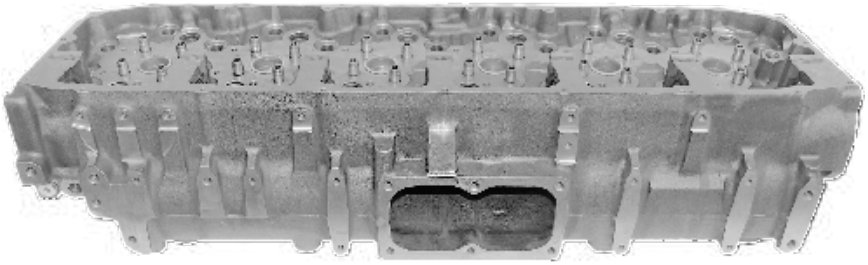
Bemerkungen:
TECTOR 6

909521
909421 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

NEW HOLLAND

		Cm3	O. E.	YEARS				KIT	KIT
AGRICULTURAL INDUSTRIAL	F2BE0684A F3AE0684G	7.8 7790	8099006		24				259422

909422
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909522
909422 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
CURSOR 8

Remarks:
CURSOR 8

Remarques:
CURSOR 8

Bemerkungen:
CURSOR 8

AGRICULTURAL INDUSTRIAL	F2CE9685A F2CE9687A / B / C	8.7 8709	504227730 5801889600 5801476005 5801823993		24				259422

909423
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

909523
909423 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
CURSOR 8 - CURSOR 9

Remarks:
CURSOR 8 - CURSOR 9

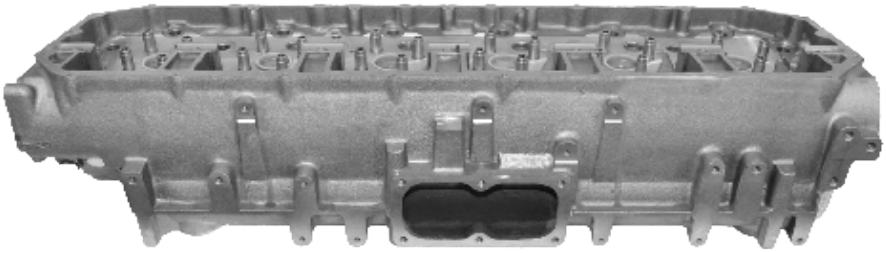
Remarques:
CURSOR 8 - CURSOR 9

Bemerkungen:
CURSOR 8 - CURSOR 9

NEW HOLLAND

		Cm3	O. E.	YEARS				KIT	KIT
AGRICULTURAL INDUSTRIAL	F3AE9681C	10.3 10308	504207966 504352487 5801478431 500060968 2995460		24				259424

909424
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909524
909424 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
CURSOR 10

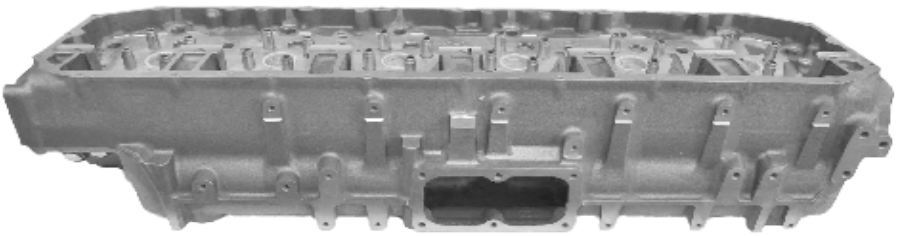
Remarks:
CURSOR 10

Remarques:
CURSOR 10

Bemerkungen:
CURSOR 10

AGRICULTURAL INDUSTRIAL	F3BE0681S F3CE0684C	12.9 12882	504021866		24				259425

909425
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909525
909425 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
CURSOR 13

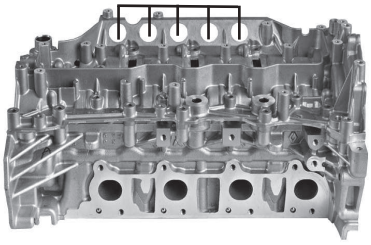
Remarks:
CURSOR 13

Remarques:
CURSOR 13

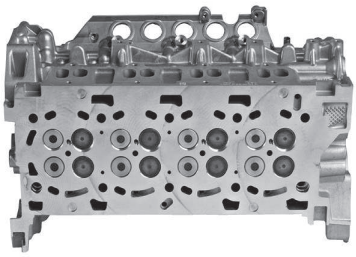
Bemerkungen:
CURSOR 13

NISSAN

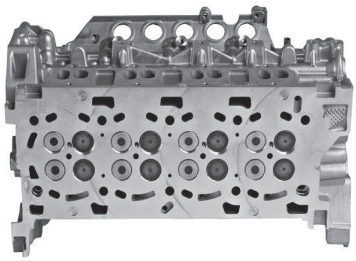
		Cm3	O. E.	YEARS				KIT	KIT
NV400	M9T670 M9T690 M9T870 M9T672 M9T692 M9T880 M9T676 M9T694 M9T890 M9T678 M9T696 M9T896 M9T680 M9T698 M9T898 M9T686 M9T876	2.0 DCI 1995 2.3 DCI 2299	110417248R 1104100Q1G 1104100Q4A 8201721793	2011 → 2016	16	670912 = 16 x 670311 O.E. 1323400Q0A + 16 x 670312 O.E. 1325700Q0A	647198 Adm./ Inlet O.E. 1300100Q0K 647199 Esc./ Exhaust O.E. 1300100Q0H	647198K = 647198 + 647199 16+16 / 0 / 0 / 0	258797



908526
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908626
908526 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



908966
908626 +:
Kit Árboles de levas
Camshafts kit
Kit Arbres à cames
Nockenwellen Satz

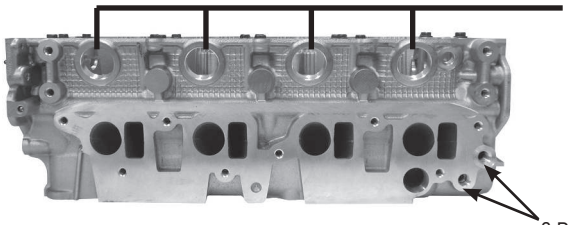
Observaciones: 908966 incluye Kit Árboles de levas (no montado en culata).

Remarks: 908966 included Camshafts Kit (not fitted in cylinder head).

Remarques: 908966 comprend le kit d'arbres à cames (non monté sur la culasse).

Bemerkungen: Der 908966 enthält Nockenwellen Satz (im Zylinderkopf nicht eingebaut).

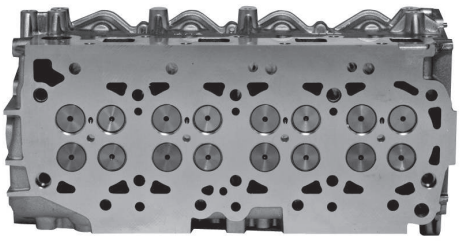
Almera Cabstar Frontier Hardbody King-Cab Navara	NP300 Pathfinder Tino	YD22 YD25	2.2 DDT 2184 2.5 DDTI 2488	110405M300 110405M301 110405M302 11040BN360	1998 / 05	16	668757 O.E. 13231AD201	647275 Adm./ Inlet O.E.13020AD202 647276 Esc./Exhaust O.E.13020AD212	647275K = 647275 + 647276 16 / 0 / 0 / 0	258505



Orificios abiertos
Open drill holes
Trous ouverts
Offene Bohrungen

2 Paso de agua
2 Water channel
Deux pasage d'eau
2 Wasserkanal

908505
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



908605
908505 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Entrada alojamiento inyectores ø19. Lleva 6 taladros M-6 para sujeción tapa balancines. Sin Common rail

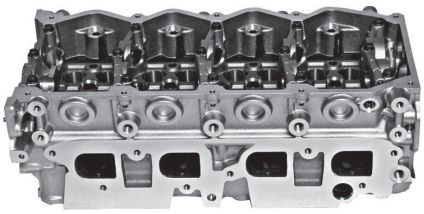
Remarks: Inlet inyectors lodging 19 mm diameter. 6 drill holes M-6 to fit rocker cover. Without Common rail

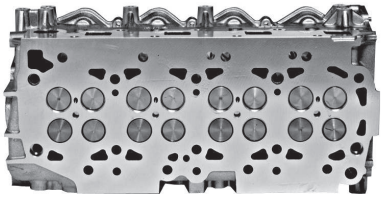
Remarques: Entrée logement inyecteurs ø 19. Elle porte 6 trous M-6 pour la fixation du cache culbuteur. Sans Common rail

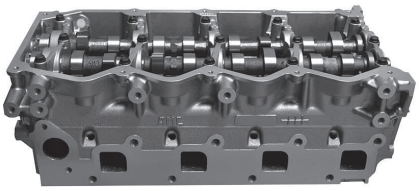
Bemerkungen: Einlauf auf Seite der Stösseln 19 mm. 6 Gewindebohrungen M-6 für Kipphebeldeckelbefestigung. Ohne Common rail

NISSAN

		Cm3	O. E.	YEARS				KIT	KIT
Cabstar Frontier Navara NP300 Pathfinder X-Trail	YD22 ETI YD25 ETI	2.2 ETI 2184 2.5 DDTI 2488	11039EB30A 11039EC00A 11040EB300 11040EB30A 11040EC00A 11040EC00C	2005 →	16	668757 O.E. 13231AD201	647264 Adm./ Inlet O.E. 130205M306 O.E. 13020AD20A 647263 Esc./Exhaust O.E. 13020AU600 O.E. 130208H810 O.E. 130208H81A	647263K = 647263 647264 + 16 / 0 / 0 / 0	258505







908510
Guías + Asientos.
Guides + Seats
Guides + Sièges
Führungen + Sitze

908610
908510+:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908910
908610+:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

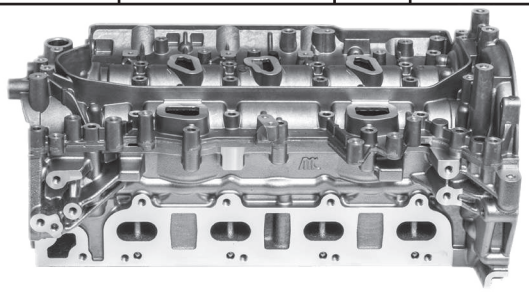
Observaciones: Euro 4. Common rail.

Remarks: Euro 4. Common rail.

Remarques: Euro 4. Common rail.

Bemerkungen: Euro 4. Common rail.

Navara NV400	YS23DDT M9T266 YS23DDTT M9T270 M9T260 M9T276 M9T700 M9T706 M9T702 M9T708 M9T704 M9T710	2.3 dCi	1104100Q3E 1104100Q2L	2014 →	16	670912 = 16 x 670311 O.E. 1323400Q0A + 16 x 670312 O.E. 1325700Q0A	647201 Adm./ Inlet O.E.130200296R 647202 Esc./Exhaust O.E. 130205230R O.E. 130206289R	647201K = 647201 647202 + 16+16 / 0 / 0 / 0	258797



908325
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908335
908325 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908435
908335 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

Observaciones: Biturbo.

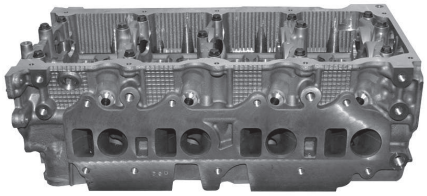
Remarks: Biturbo.

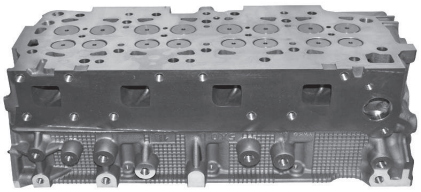
Remarques: Biturbo.

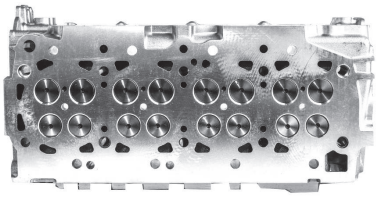
Bemerkungen: Biturbo.

NISSAN

		Cm3	O. E.	YEARS				KIT	KIT
Cabstar Frontier Murano Navara NV350 urvan Pathfinder	YD25ETI YD25DDTI	2.5 DDTI 2488	110405X00A 110405X00B 110405X00C	2010 →	16	668757 O.E. 13231AD201	647280 Adm./ Inlet O.E. 130205X00A O.E. 130208X00A O.E. 130204KV0A 647281 Esc./Exhaust O.E. 130205X00B O.E. 130201AT0C O.E. 130204KV0C	647280K = 647280 647281 + 16 / 0 / 0 / 0	258527







908527
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908627
908527 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908937
908627 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

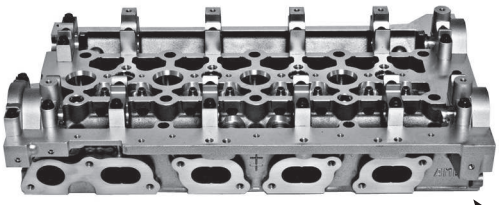
Observaciones: Euro 5. Common rail. Calentadores en el lado de admisión.

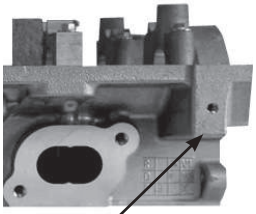
Remarks: Euro 5. Common rail. Glow plugs in the intake site

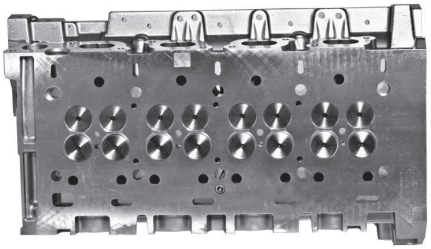
Remarques: Euro 5. Common rail. Bougies sur le côté de l'admission.

Bemerkungen: Euro 5. Common rail. Glühkerzen auf der seite der ansaugleitung.

Interstar PrimaStar	G9T722 G9U630 G9U632 G9U650 G9U730 G9U750 G9U754	2.5 DTI 2495	1104100QA0 1104100QAF	2000 →	16		669824 Adm./ Inlet O.E. 1302000QAC 669825 Esc./Exhaust O.E. 1300100QAD	669824K = 669824 669825 + 0 / 0 / 0 / 0	258797







(1)

908797
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908897
908797 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Inyección directa. (1) 1 Taladro cara colectores de escape. Alojamiento inyector Ø 22 mm.

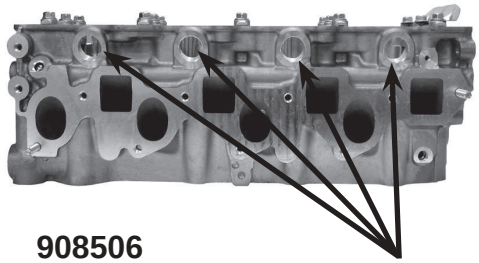
Remarks: Direct injection. (1) 1 drill hole on exhaust manifold side. Housing injector Ø 22 mm.

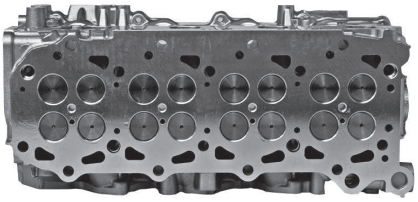
Remarques: Injection Directe. (1) 1 trou vers le coté du collecteur d'échappement. Logement d'injecteur Ø 22 mm.

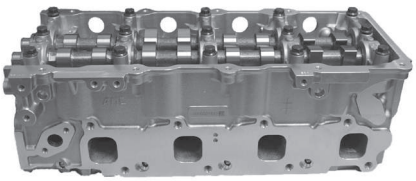
Bemerkungen: Direkteinspritzer. (1) 1 Bohren auf Auspuffkrümmer Seite. Einspritzdüsengehäuse Ø 22 mm.

NISSAN

		Cm3	O. E.	YEARS				KIT	KIT
Patrol Terrano II Urvan	ZD30	3.0 DTI 2953	11039VC101 11039VC10A 11039VC10B 11039VC10C	2000 →	16	667371 O.E. 132312W201	647269 Adm. / Inl. OE 13001MA70A OE 130012DB0A 647269Esc. / Exh. OE 13001MA70A OE 130012DB0A 647279 Adm. / Inl. OE 13001DB000 OE 130012W201 647279Esc. / Exh. OE 13001DB000 OE 130012W201	647289K = 647269 + 647269 16 0 0 0 647279K = 647279 + 647279 16 0 0 0	258506 258509







908506
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Orificios abiertos
Open drill holes
Trous ouverts
Offene Bohrungen

908606
908506 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908976
908606+:
Árboles de levas 647289K
Camshafts 647289K
Arbres à cames 647289K
Nockenwellen 647289K

908406
908606+:
Árboles de levas 647279K
Camshafts 647279K
Arbres à cames 647279K
Nockenwellen 647279K

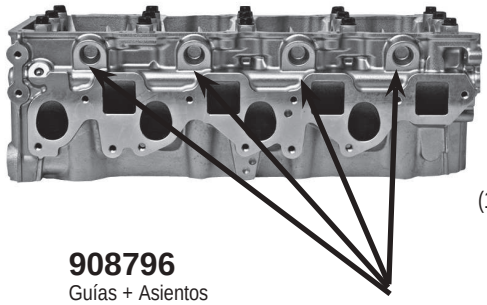
Observaciones: Colector admisión a distinta altura. Sin common-rail. Esta culata se puede montar con el Kit tornillos 258509.

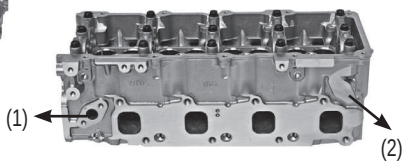
Remarks: Intake manifold at a different level. Without common-rail. This cylinder head can be assembled with the 258509 bolts kit.

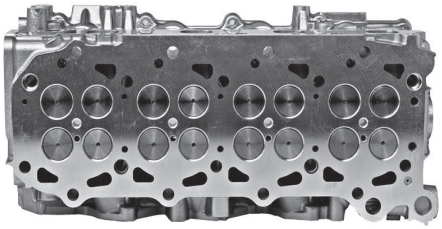
Remarques: Collecteur d'admission à hauteur différente. Sans common-rail. Cette tête de cylindre peut être monté avec le kit 258509.

Bemerkungen: Ansaugrohr auf verschiedener Höhe. Ohne common-rail. Dieser Zylinderkopf kann mit dem Kit 258509 montiert werden.

Patrol Terrano II Urvan	ZD30 ZD3202	3.0 2953	7701068369 11039DC00B	2000 / 04	16	667371 O.E. 132312W201	647279 Adm. / Inlet OE 13001DB000 OE 130012W201 647279 Esc. / Exhaust OE 13001DB000 OE 130012W201	647279K = 647279 647279 + 16 0 0 0	258506 258509







908796
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Orificios cerrados
Closed drill holes
Trous fermés
Geschlossene Bohrungen

908896
908796 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908996
908896 +:
Árboles de levas 647279K
Camshafts 647279K
Arbres à cames 647279K
Nockenwellen 647279K

Observaciones: Colector admisión a distinta altura. Con common-rail. (1) Con tubo salida de agua. (2) Sin tubo drenaje de aceite. Esta culata se puede montar con el Kit tornillos 258509.

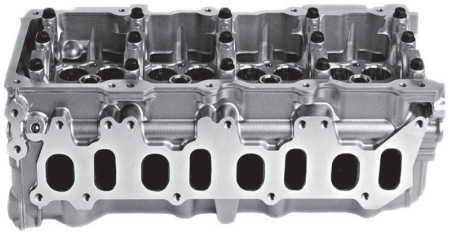
Remarks: Intake manifold at a different level. With common-rail. (1) With an exit for the water pipe. (2) Withot oil drain pipe. This cylinder head can be assembled with the 258509 bolts kit.

Remarques: Collecteur d'admission à hauteur différente. Avec common-rail. (1) Avec sortie de tyau d'eau. (2) Sans tube de vidange d'huile. Cette tête de cylindre peut être monté avec le kit 258509.

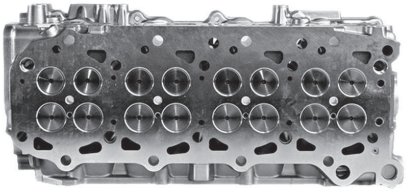
Bemerkungen: Ansaugrohr auf verschiedener Höhe. Mit common-rail. (1) Mit Wasserrohranschluss. (2) Ohne Ölablassrohr. Dieser Zylinderkopf kann mit dem Kit 258509 montiert werden.

NISSAN

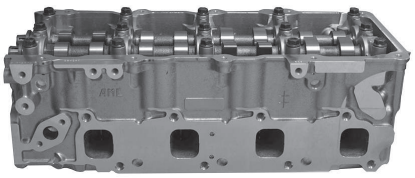
		Cm3	O. E.	YEARS				KIT	KIT
Atleon Cabstar Urvan	ZD30	3.0 DDTI 2953	11039MA70A 11039VZ20A 11039VZ20B 11039VZ20C 110392DB0A A10392DB0A A1M392DB0A	2006 →	16	667371 O.E. 132312W201	647269 Adm. / Inlet OE.13001MA70A OE. 130012DB0A 647270 Esc. / Exhaust OE.13001MA71A	647269K = 647269 647270 + 16 0 0 0	258506 258509



908509
Guías + Asientos.
Guides + Seats
Guides + Sièges
Führungen + Sitze



908609
908509+:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



908911
908609+:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

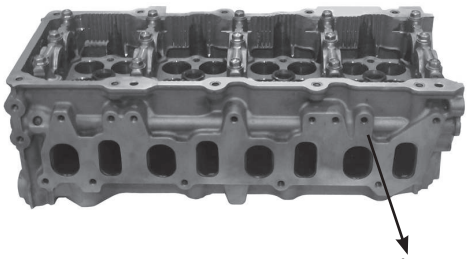
Observaciones: Colector admisión a la misma altura. Common-rail. Esta culata se puede montar con el Kit tornillos 258509.
EURO 4

Remarks: Intake manifold at the same level. Common-rail. This cylinder head can be assembled with the 258509 bolts kit.
EURO 4

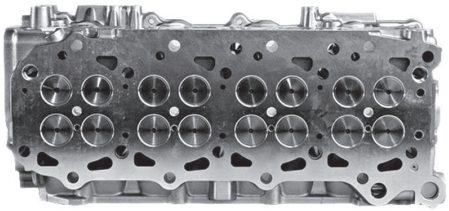
Remarques: Collecteur d'admission à la même hauteur. Common-rail. Cette tête de cylindre peut être monté avec le kit 258509.
EURO 4

Bemerkungen: Ansaugrohr auf gleicher Höhe. Common-rail. Dieser Zylinderkopf kann mit dem Kit 258509 montiert werden.
EURO 4

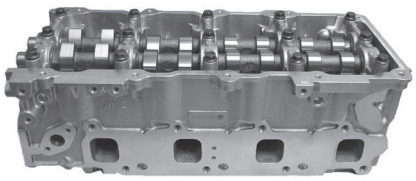
Atleon Atlas Cabstar	ZD30 4ZD1	3.0 DDTI 2953	11039LC30A 11039LC30B 11039LC30C	Atleon 2011 → Cabstar 2006 →	16	667371 O.E. 132312W201	647269 Adm. / Inlet OE.13001MA70A OE. 130012DB0A 647270 Esc. / Exhaust OE.13001MA71A	647269K = 647269 647270 + 16 0 0 0	258509



908529
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



908629
908529 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



908969
908629+:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

Observaciones: Colector admisión a la misma altura. Common-rail.
EURO 5

Remarks: Intake manifold at the same level. Common-rail.
EURO 5

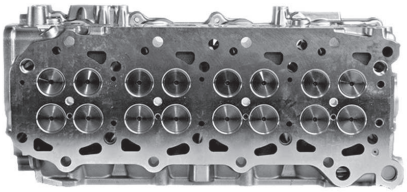
Remarques: Collecteur d'admission à la même hauteur. Common-rail.
EURO 5

Bemerkungen: Ansaugrohr auf gleicher Höhe. Common-rail.
EURO 5

NISSAN

		Cm3	O. E.	YEARS				KIT	KIT
Cabstar NT500	ZD30	3.0 DDTI 2953	11039LC50A 11039LC50B 11039LC50C 11039LC40A 11041LC50A	2016 →	16	667371 O.E. 132312W201	647282 Adm. / Inlet OE. 130012DB0B 647283 Esc. / Exhaust OE. 130012DB1B	647282K = 647282 647283 + 16 0 0 0	258509

908539
Guías + Asientos.
Guides + Seats
Guides + Sièges
Führungen + Sitze



908639
908539+:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

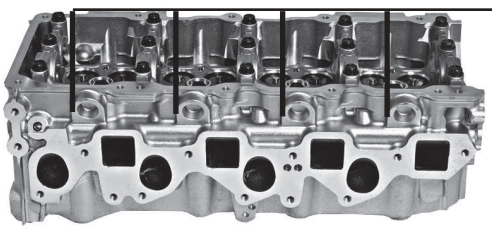
Observaciones: Alojamiento inyector diferente. Common-rail.
EURO 6

Remarks: Different injector housing. Common-rail.
EURO 6

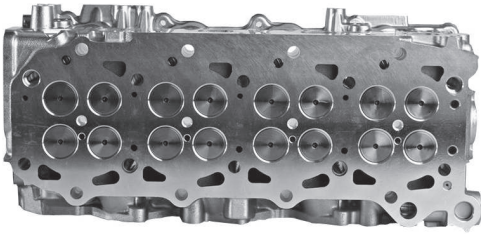
Remarques: Logement injecteurs différent. Common-rail.
EURO 6

Bemerkungen: Anderes Einspritzdüsengehäuse. Common-rail.
EURO 6

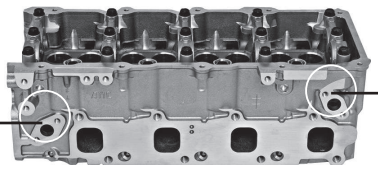
Interstar	ZD3	3.0 CDTI 2953	1104100QAX 770107984 1104100Q0L	2004 →	16	667371 O.E. 1322900QAA O.E.13229MA70B	647279 Adm. / Inlet Esc. / Exhaust O.E. 1300100QAH O.E. 13001DB000	647279K = 647279 647279 + 16 0 0 0	258506 258509



Orificios cerrados
Closed drill holes
Trous fermés
Geschlossene Bohrungen



908557
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908657
908557 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Colector admisión a distinta altura. Con common-raill.
(1) Con tubo salida de agua. (2) Tubo de drenaje de aceite.
Esta culata se puede montar con el Kit tornillos 258509.
EURO 3

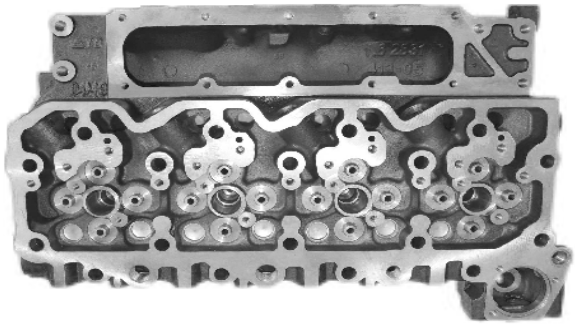
Remarks: Intake manifold at a different level. With common-rail. (1) With an exit for the water pipe. (2) Oil drain pipe.
This cylinder head can be assembled with the 258509 bolts kit.
EURO 3

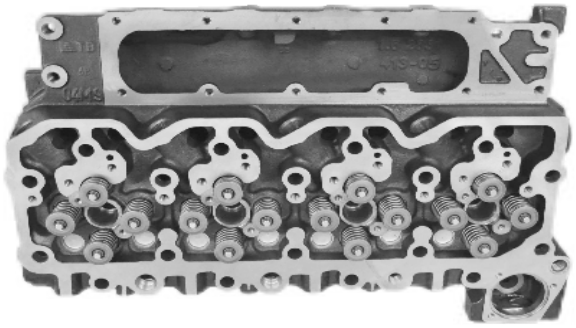
Remarques: Collecteur d'admission à hauteur différente. Avec common-rail. (1) Avec sortie de tyau d'eau. (2) Tube de vidange d'huile.
Cette tête de cylindre peut être monté avec le kit 258509.
EURO 3

Bemerkungen: Ansaugrohr auf verschiedener Höhe. Mit common-rail. (1) mit Wasserrohranschluss. (2) Ölablassrohr.
Dieser Zylinderkopf kann mit dem Kit 258509 montiert werden.
EURO 3

NISSAN

		Cm3	O. E.	YEARS				KIT	KIT
Atleon	ISB	4.5	11041LA30A 11041LA30B	2011 →	16				259420





909420
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

909520
909420 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Common Rail
EURO 5

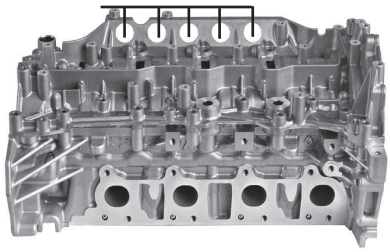
Remarks: Common Rail
EURO 5

Remarques: Common Rail
EURO 5

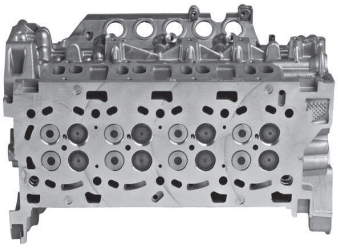
Bemerkungen: Common Rail
EURO 5

OPEL - VAUXHALL

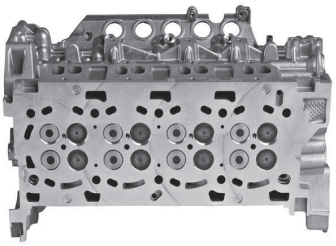
		Cm3	O. E.	YEARS				KIT	KIT
Vivaro Movano	M9R630 M9R786 M9R692 M9R788 M9T670 M9T690 M9T876 M9T672 M9T692 M9T880 M9T676 M9T694 M9T890 M9T678 M9T696 M9T896 M9T680 M9T698 M9T898 M9T686 M9T870	2.0 DCI 1995 2.3 DCI 2299	4420422 93168090 609164 95514307 4400855 95508659	2006 → 2010 → 2016	16	670912 = 16 x 670311 O.E. 4431246 O.E. 93161686 + 16 x 670312 O.E. 4431247 O.E. 93161687	647198 Adm./Inlet O.E. 4449828 O.E. 93198678 647199 Esc./ Exhaust O.E. 4435074 O.E 93198463	647198K = 647198 647199 + 16+16 0 0 0	258797



908526
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908626
908526 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



908966
908626 +:
Kit Árboles de levas
Camshafts kit
Kit Arbres à cames
Nockenwellen Satz

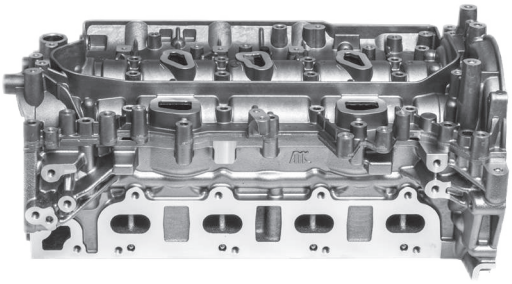
Observaciones: 908966 incluye Kit Árboles de levas (no montado en culata).

Remarks: 908966 included Camshafts Kit (not fitted in cylinder head).

Remarques: 908966 comprend le kit d'arbres à cames (non monté sur la culasse).

Bemerkungen: Der 908966 enthält Nockenwellen Satz (im Zylinderkopf nicht eingebaut).

Movano	M9T700 M9T702 M9T704 M9T706 M9T708 M9T710	2.3 dCi	4423598 95518935 95523280	2014 →	16	670912 = 16 x 670311 O.E. 4431246 O.E. 93161686 + 16 x 670312 O.E. 4431247 O.E. 93161687	647201 Adm./ Inlet O.E.95518942 647202 Esc./Exhaust O.E. 95518943 O.E. 95530394	647201K = 647201 647202 + 16+16 0 0 0	258797



908325
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908335
908325 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908435
908335 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

Observaciones: Biturbo.

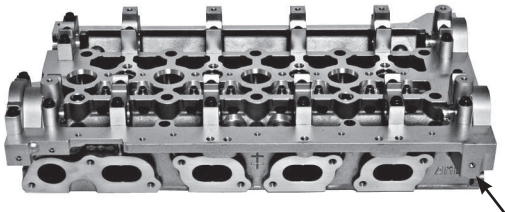
Remarks: Biturbo.

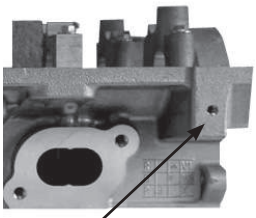
Remarques: Biturbo.

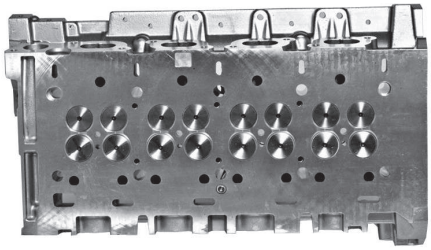
Bemerkungen: Biturbo.

OPEL - VAUXHALL

		Cm3	O. E.	YEARS				KIT	KIT
Movano Vivaro	G9T720 G9U754 G9T722 G9T750 G9U720 G9U724 G9U730 G9U750	2.2 DTI 2.188 2.5 DTI 2464	9201462 9112238 9112698 93160825 93188274 93192946	2001 →	16		669824 Adm./ Inlet O.E. 4506071 O.E.9201505 669825 Esc./ Exhaust O.E. 4506072 O.E. 9201506	669824K = 669824 669825 + 0 0 0 0	258797







(1)

908797
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908897
908797 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

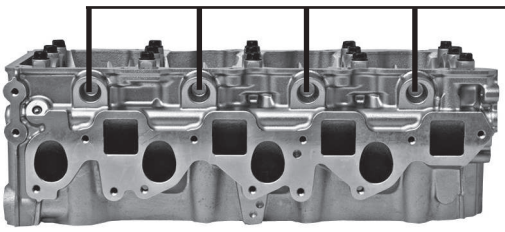
Observaciones: Inyección directa. (1) 1 Taladro cara colectores de escape. Alojamiento inyector Ø 22 mm.

Remarks: Direct injection.
(1) Drill hole on exhaust manifold side. Housing injector Ø 22 mm.

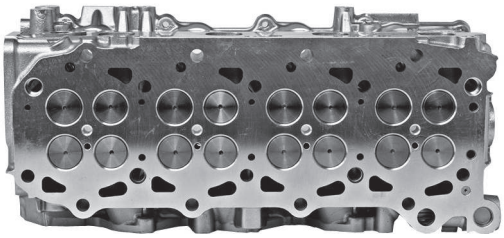
Remarques: Injection Directe.
(1) 1 Trou vers le coté du collecteur d'échappament. Logement d'injecteur Ø 22 mm.

Bemerkungen: Direkteinspritzer.
(1) 1 Bohren auf auspuffkrümmer seite. Einspritzdüsengehäuse Ø 22 mm

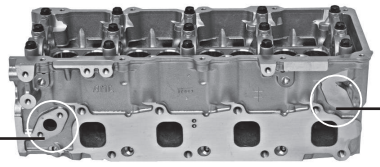
Movano	ZD3200 ZD3202	3.0 TDI 2953		2000 / 04	16	667371 O.E. 4416272	647279 Adm. / Inlet OE 4415244 647279 Esc. / Exhaust OE 4415244	647279K = 647279 647279 + 16 0 0 0	258506 258509



Orificios cerrados
Closed drill holes
Trous fermés
Geschlossene Bohrungen



908796
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



(1) (2)

908896
908796 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908996
908896 +:
Árboles de levas 647279K
Camshafts 647279K
Arbres à cames 647279K
Nockenwellen 647279K

Observaciones: Colector admisión a distinta altura. Con common-rail.
(1) Con tubo salida de agua. (2) Sin tubo drenaje de aceite. Esta culata se puede montar con el Kit tornillos 258509.

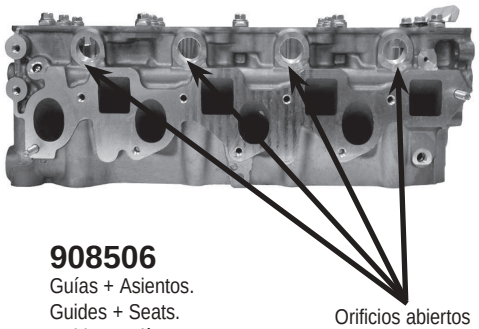
Remarks: Intake manifold at a different level. With common-rail.
(1) With an exit for the water pipe. (2) Withot oil drain pipe. This cylinder head can be assembled with the 258509 bolts kit.

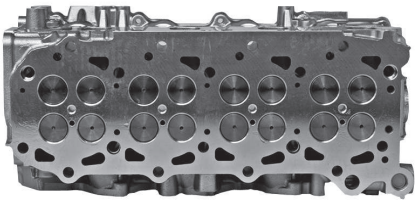
Remarques: Collecteur d'admission à hauteur différente. Avec common-rail. (1) Sans sortie de tyau d'eau. (2) Avec sortie de tyau d'eau. Cette tête de cylindre peut être monté avec le kit 258509.

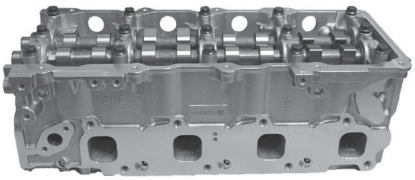
Bemerkungen: Ansaugrohr auf verschiedener Höhe. Mit common-rail. (1) Mit Wasserrohranschluss. (2) Ohne Ölablassrohr. Dieser Zylinderkopf kann mit dem Kit 258509 montiert werden.

OPEL - VAUXHALL

		Cm3	O. E.	YEARS				KIT	KIT
Movano	Z30DT	3.0 DTI 2953		2006 →	16	667371 O.E. 132312W201	647269 Adm. / Inl. OE 13001MA70A OE 130012DB0A 647269 Esc. / Exh. OE 13001MA70A OE 130012DB0A 647279 Adm. / Inl. OE 4415244 647279 Esc. / Exh. OE 4415244	647289K = 647269 + 647269 16 0 0 0 647279K = 647279 + 647279 16 0 0 0	258506







908506
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Orificios abiertos
Open drill holes
Trous ouverts
Offene Bohrungen

908606
908506 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908976
908606+:
Árboles de levas 647289K
Camshafts 647289K
Arbres à cames 647289K
Nockenwellen 647289K

908406
908606+:
Árboles de levas 647279K
Camshafts 647279K
Arbres à cames 647279K
Nockenwellen 647279K

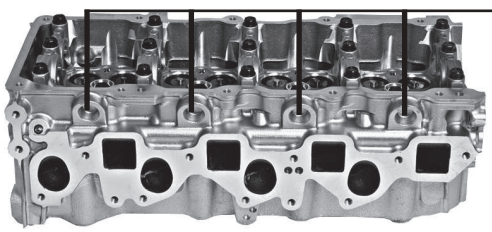
Observaciones: Colector admisión a distinta altura. Sin common-rail. Esta culata se puede montar con el Kit tornillos 258509.

Remarks: Intake manifold at a different level. Without common-rail. This cylinder head can be assembled with the 258509 bolts kit.

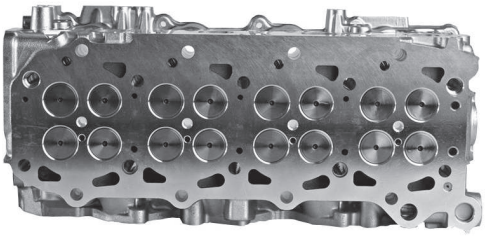
Remarques: Collecteur d'admission à hauteur différente. Sans common-rail. Cette tête de cylindre peut être monté avec le kit 258509.

Bemerkungen: Ansaugrohr auf verschiedener Höhe. Ohne common-rail. Dieser Zylinderkopf kann mit dem Kit 258509 montiert werden.

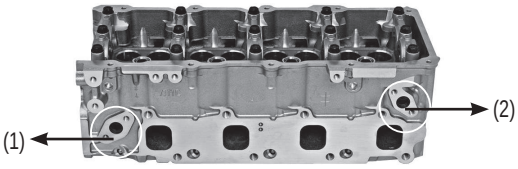
Movano	ZD3200 ZD3202	3.0 CDTI 2953	4417968 4415050 4416047 4417559	2000 →	16	667371 O.E. 4416272	647279 Adm. / Inlet OE.4415244 647279 Esc. / Exhaust OE.4415244	647279K = 647279 647279 + 16 0 0 0	258506 258509



Orificios cerrados
Closed drill holes
Trous fermés
Geschlossene Bohrungen



908557
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908657
908557 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Colector admisión a distinta altura. Con common-raill. (1) Con tubo salida de agua. (2) Tubo de drenaje de aceite.
Esta culata se puede montar con el Kit tornillos 258509.

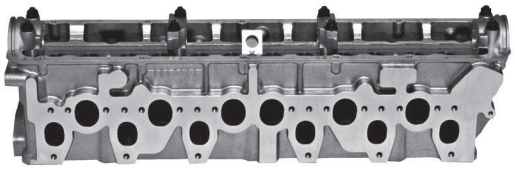
Remarks: Intake manifold at a different level. With common-rail. (1) With an exit for the water pipe. (2) Oil drain pipe.
This cylinder head can be assembled with the 258509 bolts kit.

Remarques: Collecteur d'admission à hauteur différente. Avec common-rail. (1) Avec sortie de tyau d'eau. (2) Tube de vidange d'huile.
Cette tête de cylindre peut être monté avec le kit 258509.

Bemerkungen: Ansaugrohr auf verschiedener Höhe. Mit common-rail. (1) mit Wasserrohranschluss. (2) Ölablassrohr.
Dieser Zylinderkopf kann mit dem Kit 258509 montiert werden.

PEGASO

		Cm3	O. E.	YEARS				KIT	KIT
Ekus	DW	2.4 D 2383		1982 →	12	613211	653853	**653853K** = 653853 + 12 2 0 0	258030



908036

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

Observaciones: 6 Cilindros. **Alojamiento del depresor 16 mm**. Fondo inyector ø 7 mm. El puente nº 4 mide 40 mm de grosor. Con empujadores mecánicos.

Remarques: Chapeau de palier n°4 d'épaisseur 40 mm. **Diamètre de logement de la goupille de pompe à vide 16 mm.** (pompe côté injecteurs). Poussoirs mécaniques.

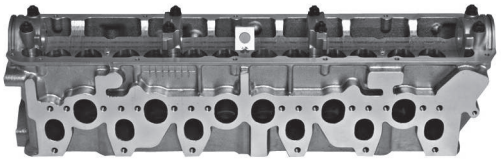
908136

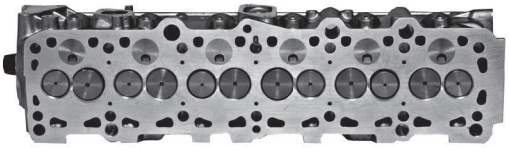
908036 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Remarks: 6 Cylinder. **Vacuum pump housing 16 mm**. Cup nº 4, 40 mm thickness. With mechanical lifters. Injector ø 7 mm. depth.

Bemerkungen: 6 Zylinder. **Vakuumhaus 16 mm.** Düsenbohrung 7 mm. Mechanischen Stösseln. Brücke nr. 4, 40 mm stark.

Ekus	DW	2.4 D TD 2383		1983 →	12	613211	653853	**653853K** = 653853 + 12 2 0 0	258030





908030

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

Observaciones: 6 Cilindros. **Alojamiento del depresor 14 mm**. Fondo inyector ø 7 mm. Con empujadores mecánicos. El puente n.° 4 mide 40 mm. de grosor.

Remarques: Diamètre de logement de la goupille de pompe à vide 14 mm. (pompe côté injecteurs). Diamètre du puit du nez d'injecteur 7 mm. Poussoirs mécaniques.

908130

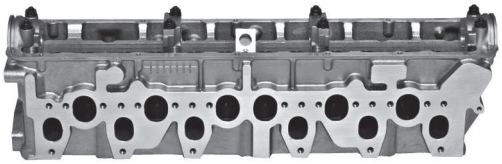
908030 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

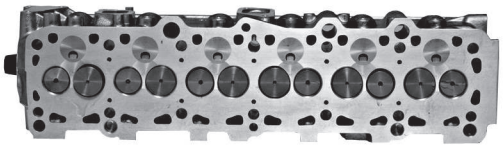
Remarks: 6 Cylinder. **Vacuum pump housing 14 mm**. With mechanical lifters. Cap nº 4, 40 mm thickness. Injector ø 7 mm. depth.

Bemerkungen: 6 Zylinder. **Vakuumhaus 14 mm.** Düsenbohrung 7 mm. Mechanische Stösseln. Brücke nr. 4, 40 mm stark.

PEGASO

		Cm3	O. E.	YEARS				KIT	KIT
Ekus	DV	2.4 TD 2383		1983 →	12	613211	653853	**653853K** = 653853 + 12 2 0 0	258030





908031

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

Observaciones: 6 Cilindros. **Alojamiento del depresor 16 mm**. Fondo inyector ø 13 mm. Con empujadores mecánicos. El puente n.° 4 mide 40 mm. de grosor.

Remarques: Diamètre de logement de la goupille de pompe à vide 16 mm. (pompe côté injecteurs). Diamètre du puit du nez d'injecteur 13 mm. Poussoirs mécaniques. **Chapeau de palier n°4 d'épaisseur 40 mm.**

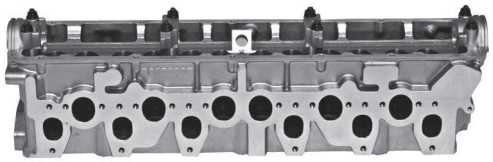
908131

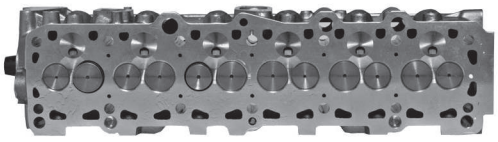
908031 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Remarks: 6 Cylinder. **Vacuum pump housing 16 mm**. With mechanical lifters. Cam cap nº 4, 40 mm Width. Injector seat ø 13 mm.

Bemerkungen: 6 Zylinder. **Vakuumhaus 16 mm.** Düsenbohrung 13 mm. Mechanische Stösseln. Brücke nr. 4, 40 mm stark.

Ekus	DV	2.4 TD 2383		1983 →	12	653361	653852	**653852K** = 653852 + 12 2 0 0	258030





908035

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

Observaciones: 6 Cilindros. Alojamiento del depresor 16 mm. Lleva un taladro de salida de aceite en el alojamiento de los empujadores. **Con empujadores hidraúlicos.** El puente nº 4 mide 37 mm de grosor. **Sin taladro ø 8 mm. en el lateral distribución.**

Remarques: Chapeau de palier n°4 d'épaisseur 37mm. Diamètre de logement de la goupille de pompe à vide 16mm. (pompe côté injecteurs). **Poussoirs hydrauliques. Sans trou de 8 mm côté distribution.**

908135

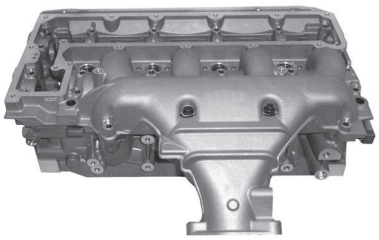
908035 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

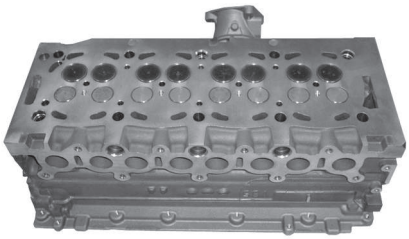
Remarks: 6 Cylinder. Vacuum pump housing 16 mm. **With hydraulic lifters**. Cup nº 4, 37 mm thickness. **Without drill hole ø 8 mm on distribution side.** With 1 drill hole for oil exit on lifter's side.

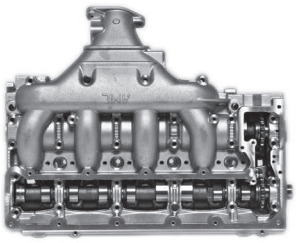
Bemerkungen: 6 Zylinder. Vakuumhaus 16 mm. **Mit hydraulischen Stösseln.** Brücke nr. 4, 37 mm stark. Keine 8 mm. **Bohrung auf Verteilerseite. 1 Bohrung für Ölausgang auf Seite der Stösseln.**

PEUGEOT

		Cm3	O. E.	YEARS				KIT	KIT
406 607 807 Boxer	4HW(DW12BTED4) 4HX(DW12TED4)	2.2 HDI 2179	0200GT 0200Z8	2001 →	16		669811 Adm./ Inlet O.E. 0801V9 669812 Esc./Exhaust O.E. 0801W0	669810K = 669811 669812 + o o o o	258130



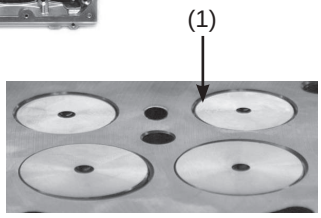




908598
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908698
908598 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908998
908698 +:
Árbol de levas
Camshaft
Arbre à cames
Nockenwellen



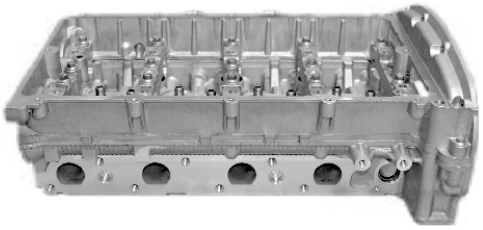
Observaciones: Marca en fundición V35. (1) Válvulas hundidas respecto del plano de la culata. Altura válvulas 105 mm.

Remarks: Casting mark V35. (1) Valves under main surface level. Valve's hight 105 mm.

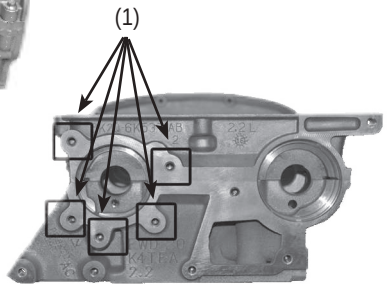
Remarques: Repère en fonte V35. (1) Soupapes enfoncées en fonction du plan de la culasse. Hauteur soupapes 105 mm.

Bemerkungen: Gussmarke bei Nockenwellen V35. (1) Ventile stehen unter die Einspritzdüsen. Ventilshöhe 105 mm.

Boxer	4H03 (PUMA) 4HG (PUMA) 4HH (PUMA) 4HJ (PUMA)	2.2 HDI 2198	1607126580	2011 →	16		647277 Adm./ Inlet O.E. 0801EA O.E. 0801LL O.E. 1653667980 647378 Esc./Exhaust O.E. 9677426080	647378K = 647277 647378 + o o o o	258867



908457
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908757
Guías + Asientos + Válvulas + Muelles
Guides + Seats + Valves + Springs
Guides + Sièges + Soupapes + Ressorts
Führungen + Sitze + Ventile + Ventilfedern

Observaciones: Tracción delantera. (1) 5 taladros de M8 en el lado opuesto de distribución.

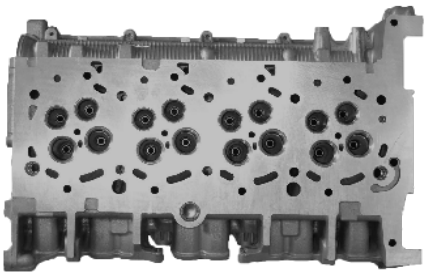
Remarks: Front wheel drive. (1) 5 drill holes M8 on oppossite site of distribution.

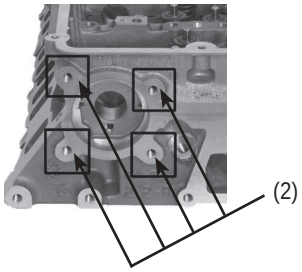
Remarques: Traction avant. (1) 5 trous M8 sur le côté opposé du distributeur.

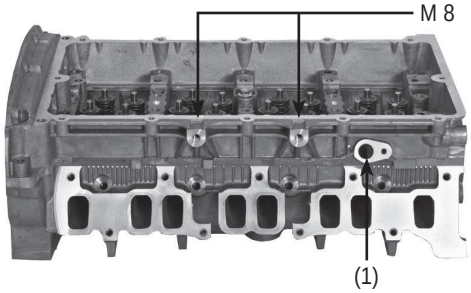
Bemerkungen: Frontantrieb. (1) 5 Bohrer M8 im Gegenseite des Verteiler.

PEUGEOT

		Cm3	O. E.	YEARS				KIT	KIT
Boxer	4HU (PUMA) 4HV (PUMA) 4HM (PUMA) P8FA (PUMA) QVFA (PUMA) QWFA (PUMA)	2.2 HDI 2198	0200GW	2006 →	16		647277 Adm./ Inlet O.E. 0801EA O.E. 0801LL O.E. 1653667980 647278 Esc./Exhaust O.E. 0801EC	647277K = 647277 647278 + 0 0 0 0	258867







908467
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

908867
Guías + Asientos + Válvulas + Muelles
Guides + Seats + Valves + Springs
Guides + Sièges + Soupapes + Ressorts
Führungen + Sitze + Ventile + Ventilfedern

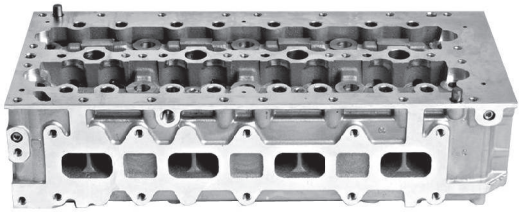
Observaciones: Tracción delantera. (1) Con sensor de árbol de levas en tapa, cara colectores. Common Rail. (2) 4 taladros de M8 en el lado opuesto de distribución.

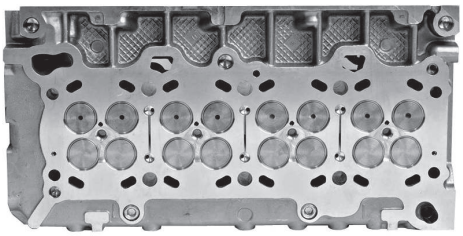
Remarks: Front wheel drive. (1) With camshaft sensor. Common Rail. (2) 4 drill holes M8 on oppossite site of distribution.

Remarques: Traction avant. (1) Avec senseur d'arbre à cames. Common Rail. (2) 4 trous M8 sur le côté opposé du distributeur.

Bemerkungen: Frontantrieb. (1) Mit Nockenwelle-sensor. Common Rail. (2) 4 Bohrer M8 im Gegenseite des Verteiler.

Boxer II	SOFIM	2.2 TD 2.3 TD	0200JC	2006-2011	16	670381 O.E. 0903H9 0903J9 0903J7 1610047380	647273 Adm./ Inlet OE. 0801FN 647274 Esc./Exhaust OE. 0801FX	647273K = 647273 647274 + 16 0 0 0	258545





908545
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

908645
908545 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Euro 4. Zona de contacto con el inyector: cónica.

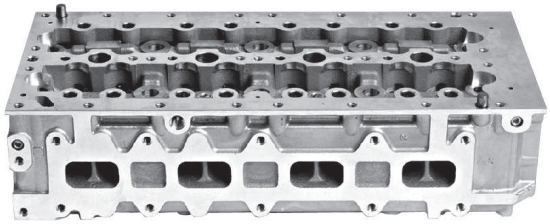
Remarks: Euro 4. Contact area with injector: conical.

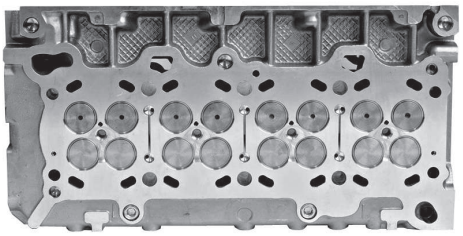
Remarques: Euro 4. Zone de contact avec injecteur: conique.

Bemerkungen: Kontaktbereich mit injektor: konisch.

PEUGEOT

		Cm3	O. E.	YEARS				KIT	KIT
Boxer II	F1AE (SOFIM)	2.3 TD 2286	1609096080	2010 →	16	670381 O.E. 0903H9 0903J9 0903J7 1610047380	647273 Adm./ Inlet OE. 0801FW 647274 Esc./Exhaust OE. 0801FX	647273K = 647273 647274 + 16 / 0 / 0 / 0	258545





908345
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

908445
908345 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

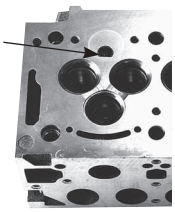
Observaciones: Zona de contacto del inyector: plana. Euro 5.

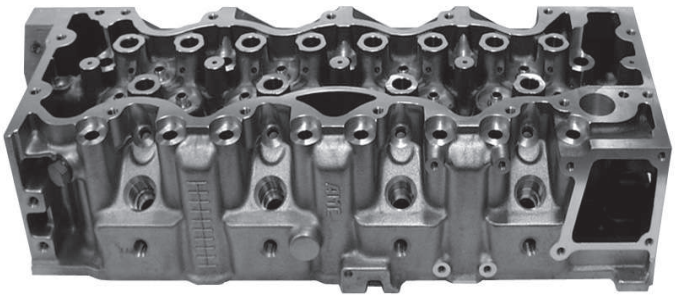
Remarks: Contact area with injector: flat. Euro 5.

Remarques: Zone de contact avec injecteur: lisse. Euro 5.

Bemerkungen: Kontaktbereich mit injektor: glatt. Euro 5.

Boxer	T9A(DJ5)	2.5 D 2446	0200K0 0200T2 0200Y5	1997 / 98	12		663841 O.E. 0801L2		258530





908530
Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

Observaciones: ***ø Tobera precámara 13,5 mm**. 1 Punto en precámara.

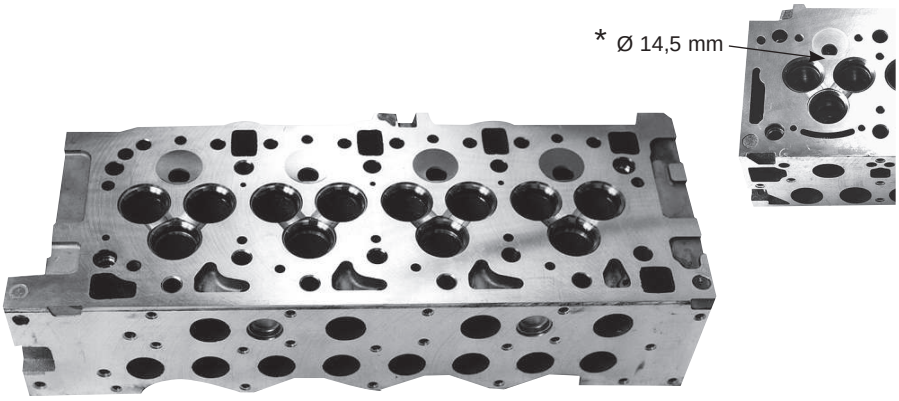
Remarks: ***ø P.C. Chamber's nozzle 13,5 mm.** P.C. Chamber with 1 code hole.

Remarques: Conduit de la chambre de combustion diamètre 13,5 mm. Chambres de précombustion repère 1 alvéole.

Bemerkungen: Vorkammeröffnung 13,5 mm. Vorkammer mit 1 Punkt gekennzeichnet.

PEUGEOT

		Cm3	O. E.	YEARS				KIT	KIT
Boxer	T8A(DJ5T)	2.5 TD 2446	0200R3 0200T3 0200Y6	1994 / 97	12		647058 O.E 0801K9		258530



908531
Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

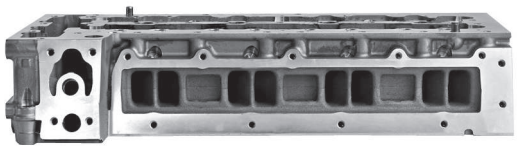
Observaciones: ***ø Tobera precámara 14,5 mm**. Sin punto en precámara.

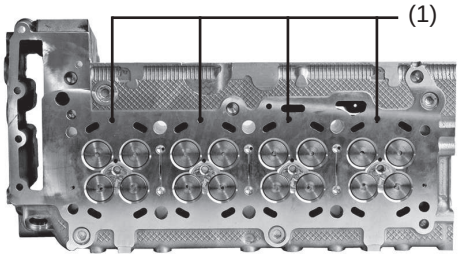
Remarks: ***ø P.C. Chamber's nozzle 14,5 mm.** P. C. Chamber without code holes.

Remarques: Conduit de la chambre de combustion diamètre 14,5 mm. Sans point sur chambres précombustion.

Bemerkungen: Vorkammeröffnung 14,5 mm. Vorkammer ohne Kennzeichnung.

Boxer Manager	FG30DT F1CE0481D	3.0 HDI 2999	0200HG	2006 / 11	16	670381 O.E. 0903H9 0903J9 0903J7 1610047380	647271 Adm. / Inlet OE. 0801EL 0801GC 647272 Esc. / Exhaust OE. 0801EN 0801GG	647271K = 647271 647272 + 16 0 0 0	258546





908585
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

908685
908585 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: (1) Taladros de recirculación. Euro 4

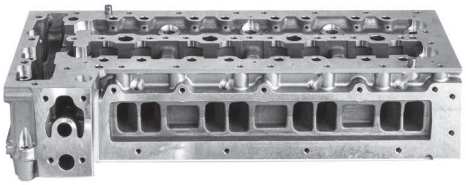
Remarks: (1) Recirculation holes. Euro 4

Remarques: (1) Des trous pour le recirculation. Euro 4

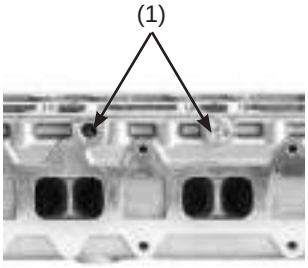
Bemerkungen: (1) Löcker für die Rückführung. Euro 4

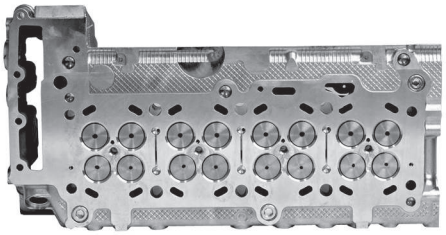
PEUGEOT

		Cm3	O. E.	YEARS				KIT	KIT
Boxer Manager	F1CE3481M F1CE3481N F1CE3481E	3.0 HDI 2.998	0200KC	2011 →	16	670381 O.E. 0903H9 0903J9 0903J7 1610047380	647271 Adm. / Inlet OE. 0801GC 0801EL 647272 Esc. / Exhaust OE. 0801EN 0801GG	647271K = 647271 647272 + 16 0 0 0	258546



908559
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.





908659
908559 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Válida para motores Turbo y Biturbo. (1) 2 taladros de ø 14 mm en la cara de colectores. Euro 5.

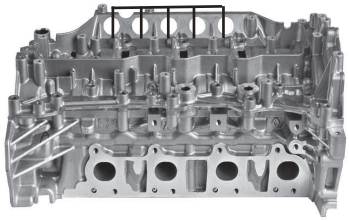
Remarks: Valid for Turbo and Biturbo engines. (1) 2 drill holes 14 mm diameter on manifold's side. Euro 5.

Remarques: Valable pour les moteurs Turbo et Biturbo. (1) 2 trous diamètre 14 sur face des collecteurs. Euro 5

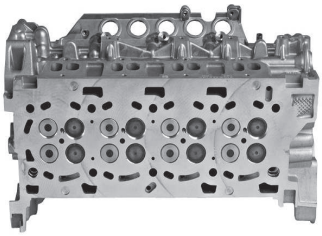
Bemerkungen: Das ist gilt für Turbo und Biturbo. (1) 2 Bohrungen 14 mm diameter auf Einlassseite. Euro 5

RENAULT

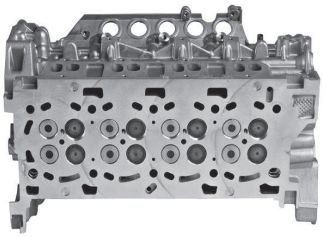
		Cm3	O. E.	YEARS				KIT	KIT
Trafic Master	M9R610 M9R630 M9R786 M9R615 M9R692 M9R788 M9T670 M9T690 M9T876 M9T672 M9T692 M9T880 M9T676 M9T694 M9T890 M9T678 M9T696 M9T896 M9T680 M9T698 M9T898 M9T686 M9T870	2.0 DCI 1995 2.3 DCI 2299	7701479110 7711497513 110417248R	2005 →	16	670912 = 16 x 670311 O.E. 7701062312 + 16 x 670312 O.E. 7701062311	647198 Adm./ Inlet O.E. 8200827912 O.E. 8200619361 647199 Esc./Exh O.E. 8200456103 O.E. 8200827922	647198K = 647198 647199 + 16+16 o o o	258797



908526
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908626
908526 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



908966
908626 +:
Kit Árboles de levas
Camshafts kit
Kit Arbres à cames
Nockenwellen Satz

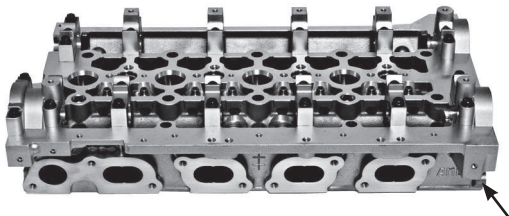
Observaciones: 908966 incluye Kit Árboles de levas (no montado en culata).

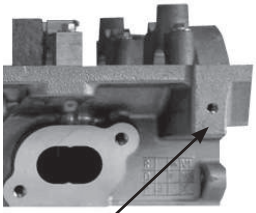
Remarks: 908966 included Camshafts Kit (not fitted in cylinder head).

Remarques: 908966 comprend le kit d'arbres à cames (non monté sur la culasse).

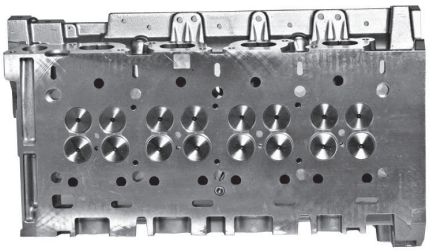
Bemerkungen: Der 908966 enthält Nockenwellen Satz (im Zylinderkopf nicht eingebaut).

Master	G9T600 G9T712 G9U720 G9T702 G9T720 G9U724 G9T703 G9T722 G9U730 G9T706 G9T742 G9U750 G9T707 G9T743 G9U754 G9T710 G9T750	2.2 DTI 2188 2.5 DTI 2464	7701474144 7701474715 7701476952 7711135513 7711368600	2001 →	16		669824 Adm./ Inlet O.E. 8200019181 669825 Esc./Exhaust O.E. 8200019183	669824K = 669824 669825 + o o o o	258797





(1)



908797
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908897
908797 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Inyección directa. (1) 1 Taladro cara colectores de escape. Alojamiento inyector Ø 22 mm. Common-rail

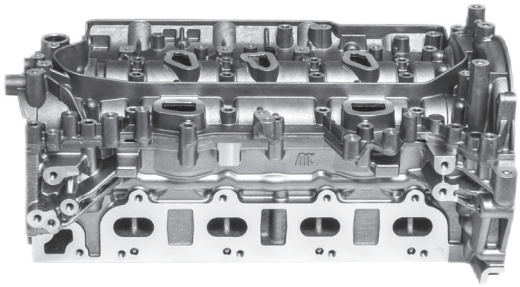
Remarks: Direct injection. 1 drill hole on exhaust manifold side. Housing injector Ø 22 mm. Common-rail

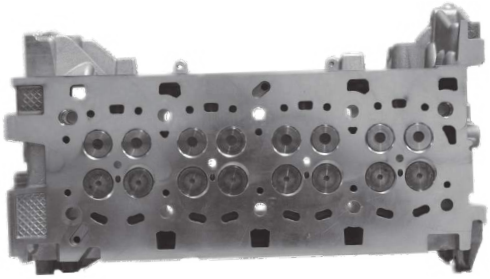
Remarques: Injection Directe. 1 trou côté collecteurs d'échappement. Logement injecteur Ø 22 mm. Common-rail

Bemerkungen: Direkteinspritzer. Common-rail

RENAULT

		Cm3	O. E.	YEARS				KIT	KIT
Alaskan Master III	YS23DDT M9T700 M9T710 M9T702 M9T704 M9T706 M9T708	2.3 dCi	110415059R 8201721794 110415770R 110414467R 110416605R 8201431776 7485148679 7485144344 7485144343	2016 → 2014 →	16	670912 = 16 x 670311 O.E. 7701062312 + 16 x 670312 O.E. 7701062311	647201 Adm./ Inlet O.E.130200296R 647202 Esc./Exhaust O.E. 130205230R O.E. 130206289R	647201K = 647201 647202 + 16+16 o o o	258797





908325
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908335
908325 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908435
908335 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

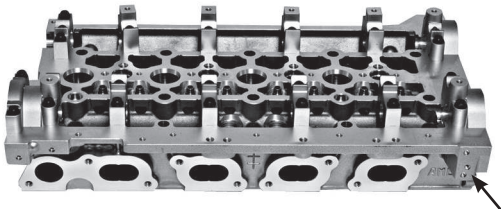
Observaciones: Biturbo.

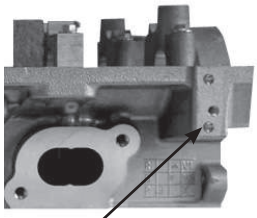
Remarks: Biturbo.

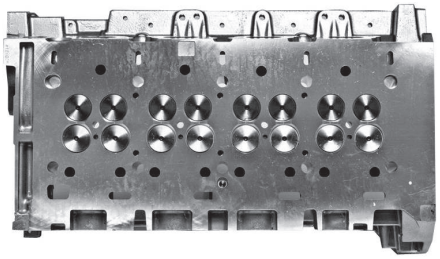
Remarques: Biturbo.

Bemerkungen: Biturbo.

Master	G9U630 G9U632 G9U650	2.5 DCI DTI 2464	7701477342 7711368794 1104100Q0D	2001 →	16		669824 Adm./ Inlet O.E. 8200019181 669825 Esc./Exhaust O.E. 8200019183	669824K = 669824 669825 + o o o o	258797







(1)

908798
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908898
908798 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Inyección directa. (1) 3 Taladros cara colectores de escape. Alojamiento inyector Ø 22 mm.

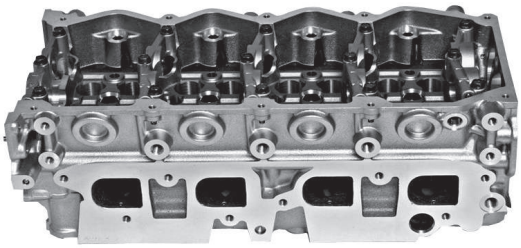
Remarks: Direct injection. (1) 3 drill holes on exhaust manifold side. Housing injector Ø 22 mm.

Remarques: Injection Directe. (1) 3 trous vers le coté du collecteur d'échappement. Logement d'injecteur Ø 22 mm.

Bemerkungen: Direkteinspritzer. (1) 3 Bohrlöcher auf Auspuffkrümmer Seite. Einspritzdüsengehäuse Ø 22 mm.

RENAULT

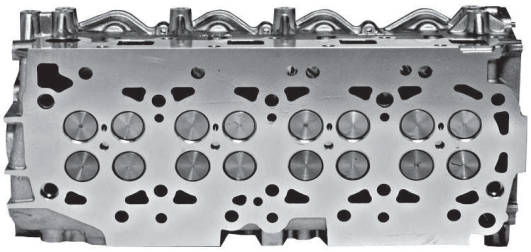
		Cm3	O. E.	YEARS				KIT	KIT
Maxity	YD25 DDTI DX125	2.5 DDTI 2488	5001875007 7485115424	2009 →	16				258505



908510
Guías + Asientos.
Guides + Seats
Guides + Sièges
Führungen + Sitze

Observaciones: Euro 4. Common rail.

Remarques: Euro 4. Common rail.

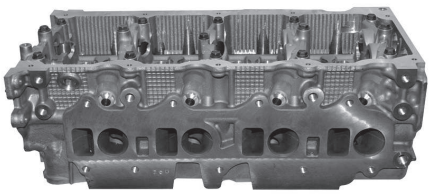


908610
908510+:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks: Euro 4. Common rail.

Bemerkungen: Euro 4. Common rail.

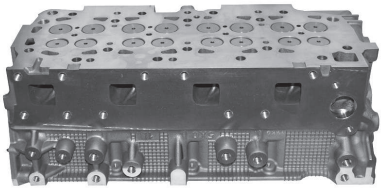
Maxity Alaskan (Colombia)	DX125 YD25DDTi	2.5 DDTI 2488	7485132979 110405X00A 110405X00B 110405X00C	2010 → 2017 →	16	668757 O.E. 13231AD201	647280 Adm./ Inlet O.E. 130205X00A O.E. 130208X00A O.E. 130204KV0A 647281 Esc./Exhaust O.E. 130205X00B O.E. 130201AT0C O.E. 130204KV0C	647280K = 647280 647281 + 16 0 0 0	258527



908527
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Observaciones: Euro 5. Common rail. Calentadores en el lado de admisión.

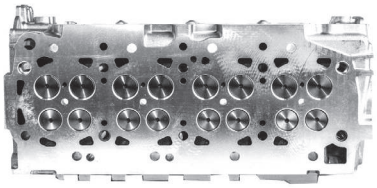
Remarques: Euro 5. Common rail. Bougies sur le côté de l'admission.



908627
908527 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks: Euro 5. Common rail. Glow plugs in the intake site

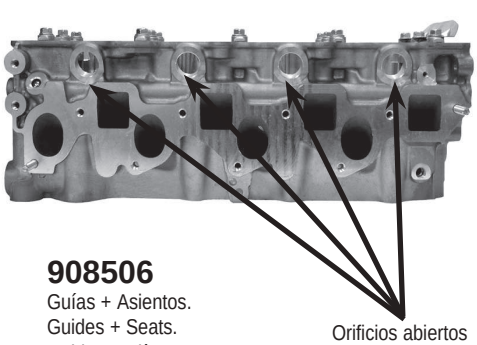
Bemerkungen: Euro 5. Common rail. Glühkerzen auf der seite der ansaugleitung.

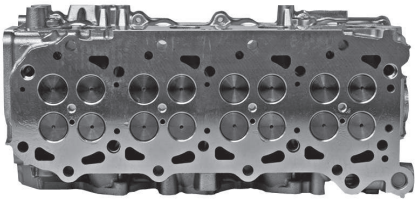


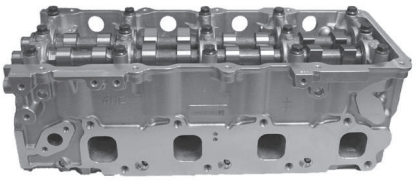
908937
908627 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

RENAULT

		Cm3	O. E.	YEARS				KIT	KIT
Mascott Master II	ZD30	3.0 DTI 2953	7701058028 7701458028	2006 →	16	667371 O.E. 132312W201	647269 Adm. / Inl. OE 7421049263 647269 Esc./ Exh. OE 7421049263 647279 Adm. / Inl. OE.7701057831 647279 Esc./ Exh. OE.7701057831	647289K = 647269 + 647269 16 0 0 0 647279K = 647279 + 647279 16 0 0 0	258506 258509







908506
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Orificios abiertos
Open drill holes
Trous ouverts
Offene Bohrungen

908606
908506 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908976
908606+:
Árboles de levas 647289K
Camshafts 647289K
Arbres à cames 647289K
Nockenwellen 647289K

908406
908606+:
Árboles de levas 647279K
Camshafts 647279K
Arbres à cames 647279K
Nockenwellen 647279K

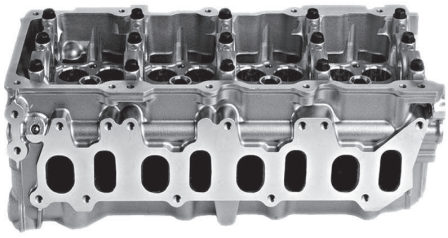
Observaciones: Colector admisión a distinta altura. Sin common-rail. Esta culata se puede montar con el Kit tornillos 258509.

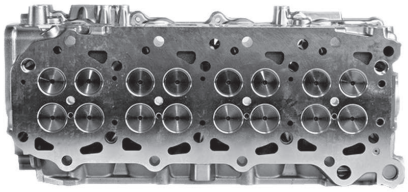
Remarks: Intake manifold at a different level. Without common-rail. This cylinder head can be assembled with the 258509 bolts kit.

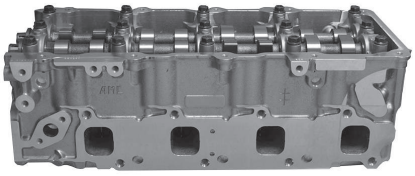
Remarques: Collecteur d'admission à hauteur différente. Sans common-rail. Cette tête de cylindre peut être monté avec le kit 258509.

Bemerkungen: Ansaugrohr auf verschiedener Höhe. Ohne common-rail. Dieser Zylinderkopf kann mit dem Kit 258509 montiert werden.

Mascott Master II Maxity	K5MT ZD3200 ZD30	3.0 TDI 2953	5001872396 7485153683 7421011214 7485154843 7485120695 7485129292 7485141532 7485151815	2006 →	16	667371 O.E. 132312W201	647269 Adm. / Inlet OE 7421049263 647270 Esc. / Exhaust OE 7421049284	647269K = 647269 647270 + 16 0 0 0	258506 258509







908509
Guías + Asientos.
Guides + Seats
Guides + Sièges
Führungen + Sitze

908609
908509+:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908911
908609+:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

Observaciones: Colector admisión a la misma altura. Common-rail. Esta culata se puede montar con el Kit tornillos 258509.

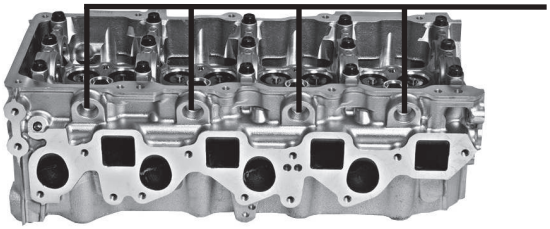
Remarks: Intake manifold at the same level. Common-rail. This cylinder head can be assembled with the 258509 bolts kit.

Remarques: Collecteur d'admission à la même hauteur. Common-rail. Cette tête de cylindre peut être monté avec le kit 258509.

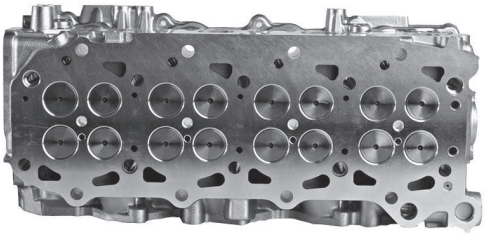
Bemerkungen: Ansaugrohr auf gleicher Höhe. Common-rail. Dieser Zylinderkopf kann mit dem Kit 258509 montiert werden.

RENAULT

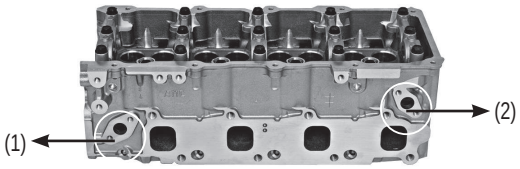
		Cm3	O. E.	YEARS				KIT	KIT
Master II	ZD3200 ZD3202	3.0 CDTI 2953	7701061587 7701066984 7701068368 7701058027 11039DB00B		16	667371 O.E. 7701062025	647279 Adm. / Inlet OE 7701057831 647279 Esc. / Exhaust OE 7701057831	647279K = 647279 647279 + 16 0 0 0	258506 258509



Orificios cerrados
Closed drill holes
Trous fermés
Geschlossene Bohrungen



908557
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908657
908557 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

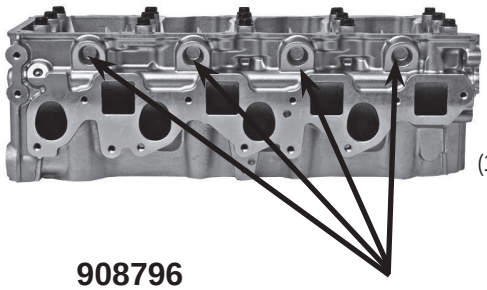
Observaciones: Colector admisión a distinta altura. Con common-raill. (1) Con tubo salida de agua. (2) Tubo de drenaje de aceite.
Esta culata se puede montar con el Kit tornillos 258509.

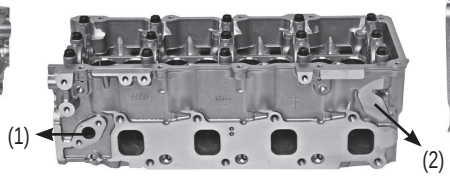
Remarks: Intake manifold at a different level. With common-rail. (1) With an exit for the water pipe. (2) Oil drain pipe.
This cylinder head can be assembled with the 258509 bolts kit.

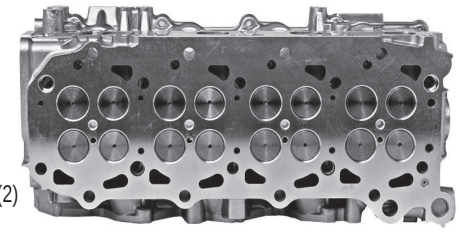
Remarques: Collecteur d'admission à hauteur différente. Avec common-rail. (1) Avec sortie de tyau d'eau. (2) Tube de vidange d'huile.
Cette tête de cylindre peut être monté avec le kit 258509.

Bemerkungen: Ansaugrohr auf verschiedener Höhe. Mit common-rail. (1) mit Wasserrohranschluss. (2) Ölablassrohr.
Dieser Zylinderkopf kann mit dem Kit 258509 montiert werden.

Mascott Master II	ZD3 ZD3202 ZD3604 ZD3606 ZD3A604 ZD3A608	3.0 TDI 2953	7485165437 7701061586 7701066983 7701068369 11039DC00B	2000 / 04	16	667371 O.E. 7701062025	647279 Adm. / Inlet OE 7701057831 647279 Esc. / Exhaust OE 7701057831	647279K = 647279 647279 + 16 0 0 0	258506 258509







908796
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Orificios cerrados
Closed drill holes
Trous fermés
Geschlossene Bohrungen

908896
908796 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908996
908896 +:
Árboles de levas 647279K
Camshafts 647279K
Arbres à cames 647279K
Nockenwellen 647279K

Observaciones: Colector admisión a distinta altura. Con common-rail. (1) Con tubo salida de agua (2) Sin tubo drenaje de aceite. Esta culata se puede montar con el Kit tornillos 258509.

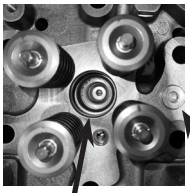
Remarks: Intake manifold at a different level. With common-rail. (1) With an exit for the water pipe. (2) Without oil drain pipe. This cylinder head can be assembled with the 258509 bolts kit.

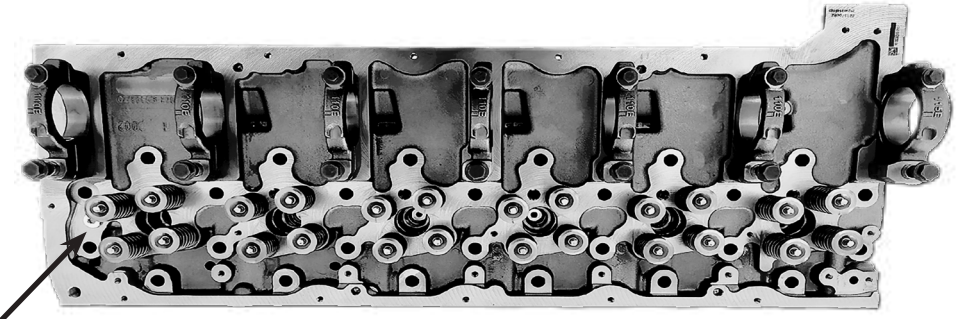
Remarques: Collecteur d'admission à hauteur différente. Avec common-rail. (1) Avec sortie de tyau d'eau. (2) Sans tube de vidange d'huile. Cette tête de cylindre peut être monté avec le kit 258509.

Bemerkungen: Ansaugrohr auf verschiedener Höhe. Mit common-rail. (1) Mit Wasserrohranschluss. (2) Ohne Ölablassrohr. Dieser Zylinderkopf kann mit dem Kit 258509 montiert werden.

RENAULT

		Cm3	O. E.	YEARS				KIT	KIT
Kerax Premium	DXI11	10.8	7421092409 7420464480 7421576296 7421893112 7422083486 7423726082 7485003896	2005 →	24				





(1)
Dolla inyector de cobre
Cooper Injector sleeve
Douille d'injecteur de cuivre
Kupfer-Injectordolla

(2) Conducto de aceite tapado
Covered Oil line
Conduite d'huile couvert
Ölleitung abgedeckt

909540
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

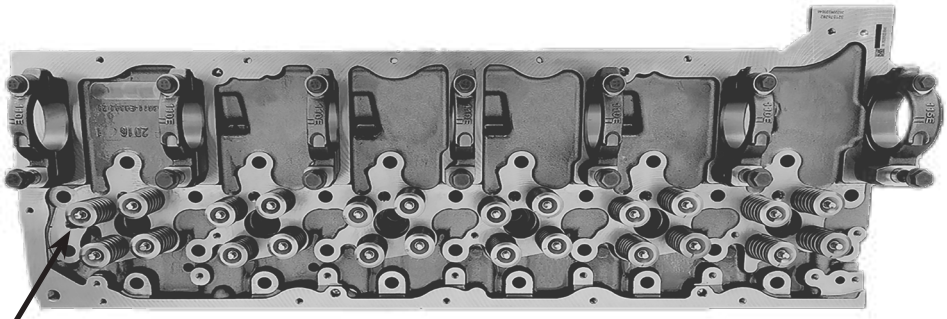
Observaciones: EURO 5
(1) Dolla del inyector de cobre.
(2) Conducto de aciete tapado.

Remarks: EURO 5
(1) Cooper Injector sleeve.
(2) Covered Oil line.

Remarques: EURO 5
(1) Douille d'injecteur de cuivre.
(2) Conduite d'huile couvert.

Bemerkungen: EURO 5
(1) Kupfer-Injectordolla.
(2) Ölleitung abgedeckt.

D-Series T-Series	DTI11	10.8	7421379389 7422783534 7421937552 7423115564 7421236687 7423654159 7421428017 7423679241 7422073580 7423902258 7422688153 7485022668	2005 →	24				



(1)
Dolla inyector de acero inoxidable
Stainless Steel Injector sleeve
Douille d'injecteur de acier inoxydable
Edelstahl-Injectordolla

(2) Conducto de aceite descubierto
Uncovered Oil line
Conduite d'huile découverte
Unbedeckt Ölleitung

909541
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: EURO 6
(1) Dolla del inyector de acero inoxidable.
(2) Conducto de aceite descubierto.

Remarks: EURO 6
(1) Stainless Steel Injector sleeve.
(2) Uncovered Oil line.

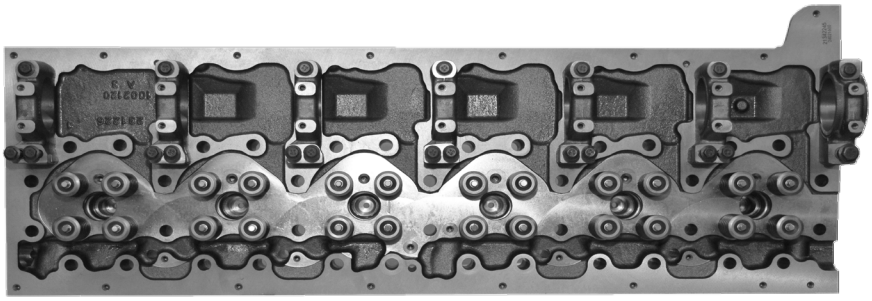
Remarques: EURO 6
(1) Douille d'injecteur de acier inoxydable.
(2) Conduite d'huile découverte.

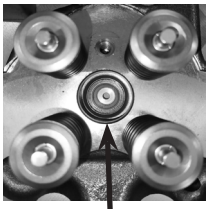
Bemerkungen: EURO 6
(1) Edelstahl-Injectordolla.
(2) Unbedeckt Ölleitung.

RENAULT

		Cm3	O. E.		YEARS				KIT	KIT
Kerax Magnum	DXI13	12.8	7420871250 7420960029 7421042154 7421342245 7421625908 7422250859 7422251164 7422498408	7422499250 7423043274 7485000720 7485000814 7485003217 7485013933 7485020328	2005 →	24				

(1)





(2)

Dolla inyector de cobre
Cooper Injector sleeve
Douille d'injecteur de cuivre
Kupfer-Injectordolla

909542
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

909543
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Dolla inyector de acero inoxidable
Stainless Steel Injector sleeve
Douille d'injecteur de acier inoxydable
Edelstahl-Injectordolla

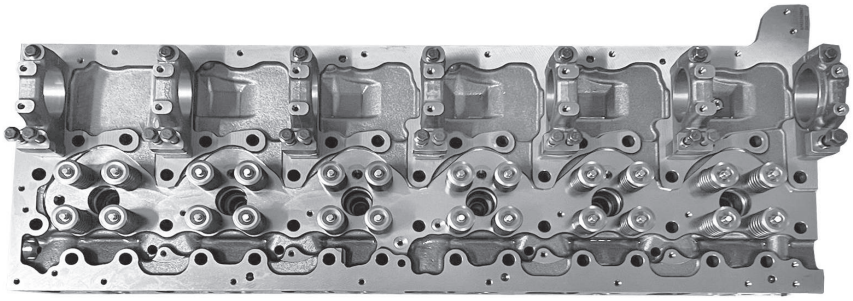
Observaciones: EURO 5
(1) 909542 Dolla del inyector de cobre.
(2) 909543 Dolla del inyector de acero inoxidable.

Remarks: EURO 5
(1) 909542 Cooper Injector sleeve.
(2) 909543 Stainless Steel Injector sleeve.

Remarques: EURO 5
(1) 909542 Douille d'injecteur de cuivre.
(2) 909543 Douille d'injecteur de acier inoxydable.

Bemerkungen: EURO 5
(1) 909542 Kupfer-Injectordolla.
(2) 909543 Edelstahl-Injectordolla.

C-Series T-Series K-Series	DTi13	12.8	7421368560 7421754367 7422251201 7422498447 7423115565 7423762967 7485013924 7485019924	2005 →	24				



909544
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: EURO 6

Remarks: EURO 6

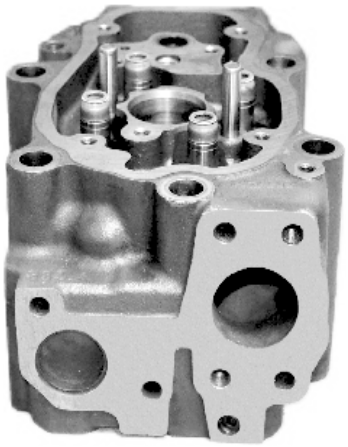
Remarques: EURO 6

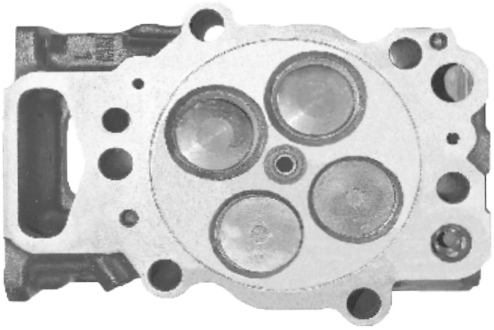
Bemerkungen: 6

SCANIA

		Cm3	O. E.	YEARS				KIT	KIT
BUS C BUS K SCANIA L, P, G, R, S.	OC09 OC13.101 OC16	9.3 12.7 16.4	2257165 2307304 2608566 2619962 3077487 575963 575990 575996	2016 →	4				259430

909430
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.





909530
909430+:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: **GAS**
EURO 5

Remarks: **GAS**
EURO 5

Remarques: GAS
EURO 5

Bemerkungen: GAS
EURO 5

BUS C BUS K SCANIA G, P, R, T.	OC09 OC13.103 OC13.104	9.3 12.7	2057411 2249396 2301092 570989	2016 →	4				259430

909433
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

909533
909433+:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: **GAS**
EURO 6

Remarks: **GAS**
EURO 6

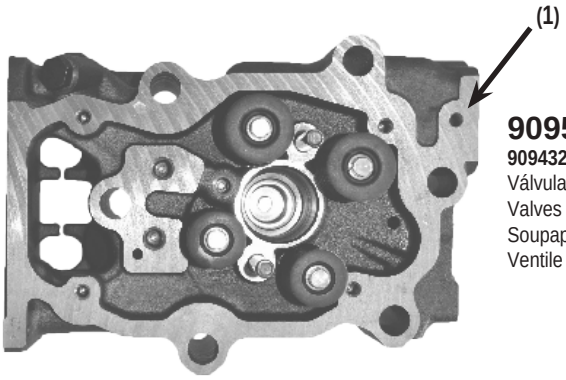
Remarques: GAS
EURO 6

Bemerkungen: GAS
EURO 6

SCANIA

		Cm3	O. E.						KIT	KIT
Camión Serie 4 Bus Serie 4	DC11.01 - 02 - 03 - 04 - 06 DC12.01 - 02 - 09 - 16 DC12.50A DC12.57A DSC12.03 - 05 XPI	10.6 11.7	1412089 1420001 1421746 1448282 1450057 1743124	1846125 1912792 2128881 570073 574206	1994 - 2010	4				259430

909432
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



909532
909432 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:
(1) Con taladro purga de agua.

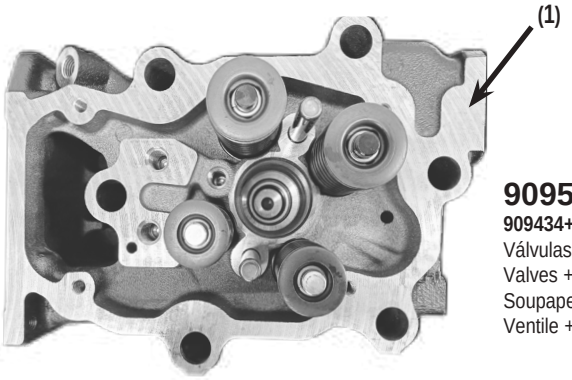
Remarks:
(1) With water purge drill.

Remarques:
(1) Avec perceuse de purge d'eau.

Bemerkungen:
(1) Mit Wasserspülbohrer.

Camión Serie G, P, R, T Bus Serie F, K, N	DC09.109 DC13.103 DC13.113	9.3 12.7	1826959 2005246 2183414 570995		2004 →	4				259430

909434
Guías + Asientos.
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909534
909434+:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: EURO4 - EURO5
(1) Sin taladro purga de agua.

Remarks: EURO4 - EURO5
(1) Without water purge drill.

Remarques: EURO4 - EURO5
(1) Sans perceuse de purge d'eau.

Bemerkungen: EURO4 - EURO5
(1) Ohne Wasserspülbohrer.

SCANIA

		Cm3	O. E.	YEARS				KIT	KIT
Camión Serie P, G, R, T Camión Serie L, P, G, R, S Bus Serie C, K Irizar	DC13.143 - 144 - 145 - 146 - 147 - 148 - 149 - 150 - 151 - 152 - 153 - 155 - 157 - 162 - 163 - 164 - 165 - 166 - 172 - 173 - 174 - 175 - 176 - 177 DC16.111 - 112 - 114 - 116 - 117 - 120 - 121 XPI	12.7 16.4	2294618 2452544 575989 575992	2003 - 2018 2016 → 2020 →	4				259430

909431
Guías + Asientos.
Guides + Seats
Guides + Sièges
Führungen + Sitze

909531
909431+:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: EURO 6

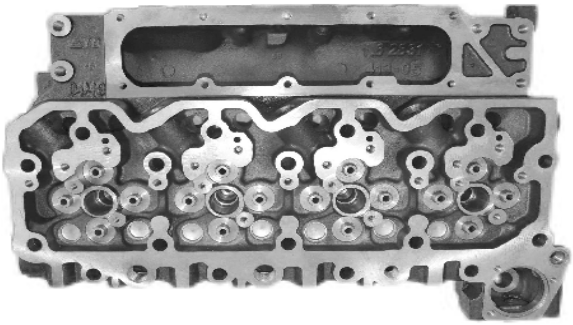
Remarks: EURO 6

Remarques: EURO 6

Bemerkungen: EURO 6

SOR

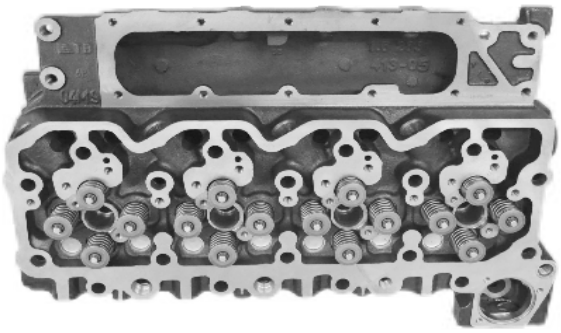
		Cm3	O. E.	YEARS				KIT	KIT
TECTOR 4 TECTOR 5	F4AFE412	3.9 3922	2831261 2831266		16				259420



909420
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Observaciones:
TECTOR 4 (EURO 3 / 4 / 5)
TECTOR 5 (EURO 6)

Remarques:
TECTOR 4 (EURO 3 / 4 / 5)
TECTOR 5 (EURO 6)

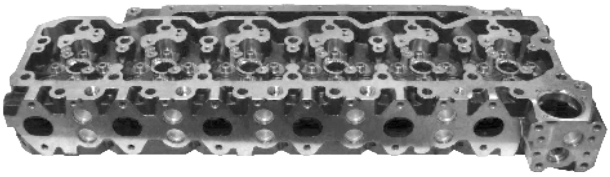


909520
909420 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks:
TECTOR 4 (EURO 3 / 4 / 5)
TECTOR 5 (EURO 6)

Bemerkungen:
TECTOR 4 (EURO 3 / 4 / 5)
TECTOR 5 (EURO 6)

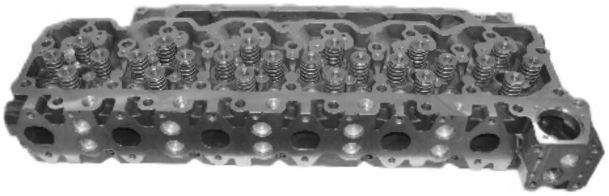
SOR C 9,5 / 10,5 / 12 ,5 SOR CN 9,5 / 10,5 SOR CN 12 / 12,5 SOR NS 12	F4AFE612 D/F/G	5.9 5883	2831274 2831279 8099005		24				259421



909421
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Observaciones:
EURO 6

Remarques:
EURO 6



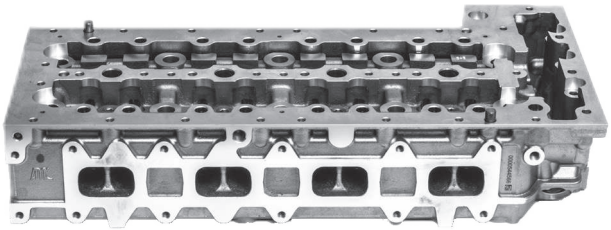
909521
909421 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Remarks:
EURO 6

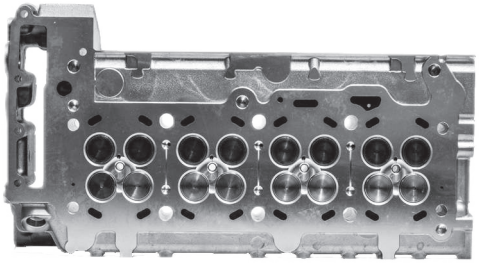
Bemerkungen:
EURO 6

TEMSA

		Cm3	O. E.	YEARS				KIT	KIT
Prestij SX	4P107AT4	3.0 2998	QC000475 5802114243	2011 →	16	670381 O.E. 504074464 504380370 504014269 504367673 5801455560	647271 **Adm. / Inlet** OE. MK667138 OE. MK667943 647272 **Esc. / Exhaust** OE. MK667139 OE. MK667942	**647271K** = 647271 647272 + 16 / 0 / 0 / 0	258546



908346
Guías + Asientos.
Guides + Seatss.
Guides + Sièges.
Führungen + Sitze.



908446
908346 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

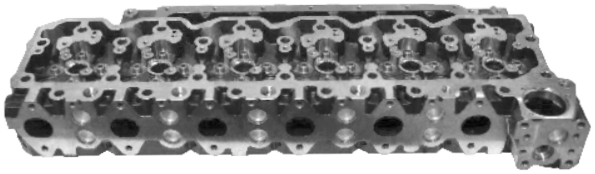
Observaciones: Euro 6

Remarks: Euro 6

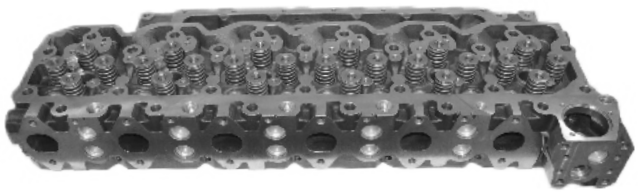
Remarques: Euro 6

Bemerkungen: Euro 6

MD9LE	ISB	6.7		2012 →	24			259421



909421
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.



909521
909421 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: EURO 6

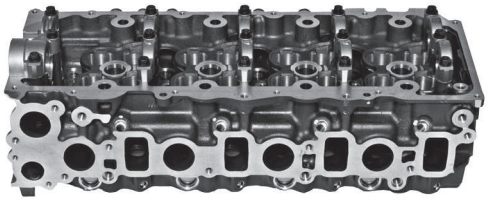
Remarks: EURO 6

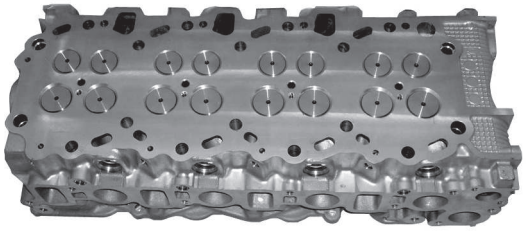
Remarques: EURO 6

Bemerkungen: EURO 6

TOYOTA

		Cm3	O. E.	YEARS				KIT	KIT
Dyna 150 Hi-Ace Hi-Lux	2KDFTV	2.5 TDI 2494	1110130040 1110130060 1110130070 1110130071 1110130041	2001 →	16				258783





908784
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908884
908784 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

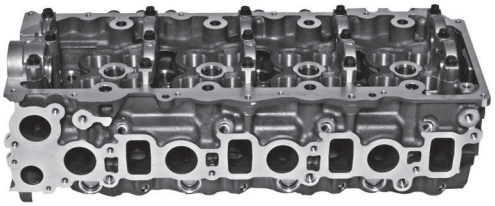
Observaciones: Válvula admisión Ø 30,5 mm. Válvula escape Ø 26,5 mm.

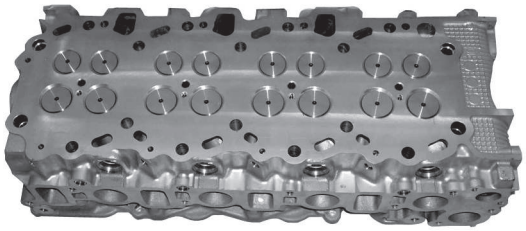
Remarks: Inlet valve Ø 30,5 mm. Exhaust valve Ø 26,5 mm

Remarques: Diamètre adm. 30,5 mm. ech 26,5 mm.

Bemerkungen: Einlassventil 30,5 mm. Auslassventil 26,5 mm.

Hi-Lux Land Cruiser	1KDFTV	3.0 TDI 2982	1110130050 1110130080 1110130081	2002 →	16				258783





908783
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908883
908783 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: Válvula admisión Ø 32,2 mm. Válvula escape Ø 27,7 mm.

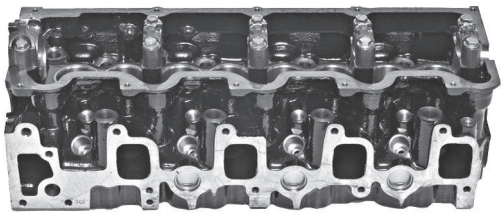
Remarks: Inlet valve Ø 32,2 mm. Exhaust valve Ø 27,7 mm

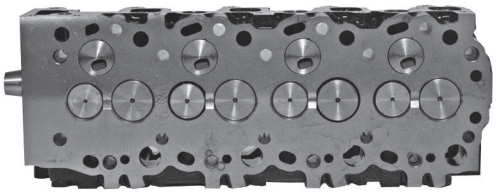
Remarques: Diamètre adm. 32,2 mm. ech 27,7 mm.

Bemerkungen: Einlassventil 32,2 mm. Auslassventil 27,7 mm.

TOYOTA

		Cm3	O. E.	YEARS				KIT	KIT
Hi-Ace Hi-Lux	2LTII	2.4 D 2446 2.5 TD	1110154120 1110154121	1990 →	8	664362 O.E. 1375154010	664861 O.E. 1350154060	**664861K** = 664861 + 8 0 10 0	258115





909051

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

909151

909051 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

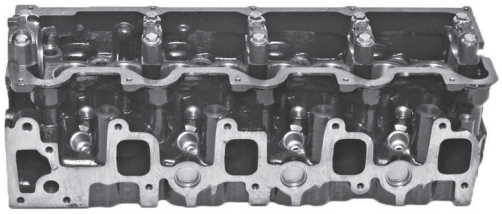
Observaciones: **Taladro de codificación ø 7 mm bajo primer colector de admisión.**

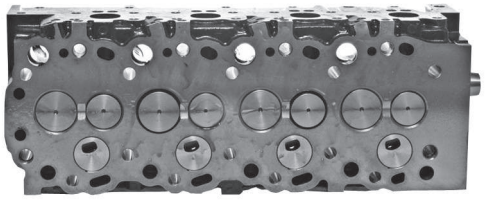
Remarks: **Drill hole ø 7 mm. under 1st intake manifold.**

Remarques: Trou de 7 mm a côté 1 º conduit adm.

Bemerkungen: 7 mm Bohrung unter Ansaugrohr nr. 1.

Hi-Lux 2400	2L2	2.4 D 2446	1110154110	1990 →	8	664362 O.E. 1375154010	647211 O.E. 1350154050	**647211K** = 647211 + 8 0 10 0	258115





909052

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

909152

909052 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Observaciones: **Sin taladro de codificación** ø 7 mm en cara colectores de admisión.

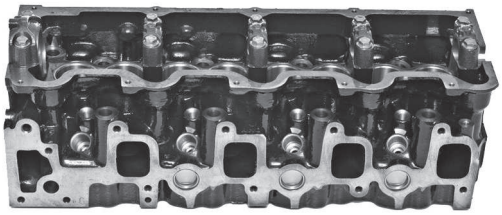
Remarks: **Without codification drill hole** ø 7 mm. on manifold side.

Remarques: Sans trou de 7 mm a côté conduits adm.

Bemerkungen: Ohne 7 mm Kodierungsbohrung auf Ansaugrohrsseite.

TOYOTA

		Cm3	O. E.	YEARS				KIT	KIT
4Runner Corona Cresta Crow Dyna Hi-Ace	Hi-Lux Land cruiser Mark II	2L	2.4 D 2.5 TD 2446	1110154111	1995 / 98	8	664362 O.E. 1375154010	664861 O.E. 1350154060	**664861K** = 664861 + 8 0 10 0	258115

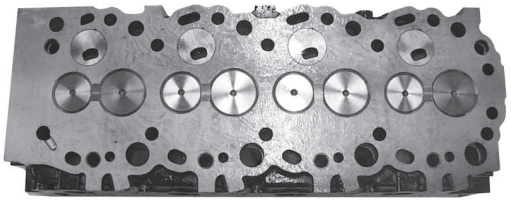


Ranura para lubrificar árbol de levas.

Groove for camshaft lubrification.

Rainure pour lubrification de arbre à cames.

Kerbe für Nockenwelleshmierung



909055

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

909155

909055 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

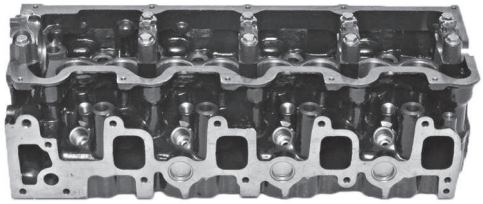
Observaciones: **Taladro de codificación ø 7 mm bajo primer colector de admisión.**

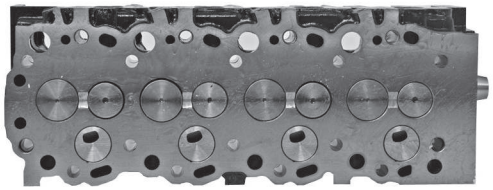
Remarks: **Drill hole ø 7 mm. under 1st intake manifold.**

Remarques: Trou de 7 mm a côté 1 º conduit adm.

Bemerkungen: 7 mm Bohrung unter Ansaugrohr nr. 1.

Hi-Ace Hi-Lux Hi-Lux 2400	2LTII 2L	2.4 D/TD 2446	1110154162 1110154161 1110154160	1998 →	8	664362 O.E. 1375154010	647211 O.E. 1350154050	**647211K** = 647211 + 8 0 10 0	258115





909056

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

909156

909056 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Observaciones: **Taladro de codificación ø 7 mm bajo cuarto colector de admisión.**

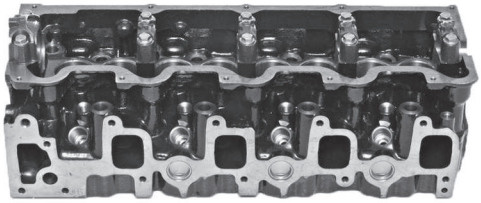
Remarks: **Drill hole ø 7 mm. under 4th intake manifold.**

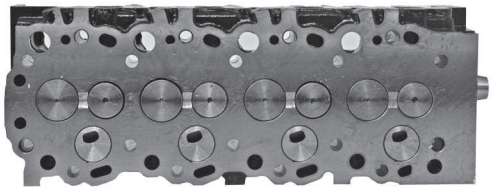
Remarques: Trou de 7 mm a côté 4 º conduit adm.

Bemerkungen: 7 mm Bohrung unter Ansaugrohr nr. 4.

TOYOTA

		Cm3	O. E.	YEARS				KIT	KIT
Hi-Ace Hi-Lux	2LT 2L	2.4 D/TD 2446	1110154170	1997 / 01	8	664362 O.E. 1375154010	664862 O.E. 1350154070	**664862K** = 664862 + 8 0 10 0	258115





909058

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

Observaciones: **Taladro de codificación ø 7 mm bajo 1º Y 4º colector de admisión.**

Remarques: Trou de 7 mm a côté 1er et 4eme conduit adm.

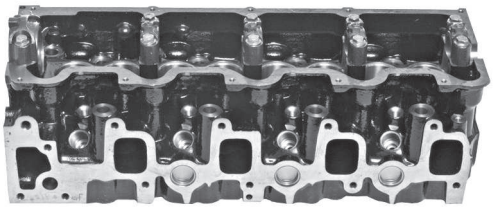
909158

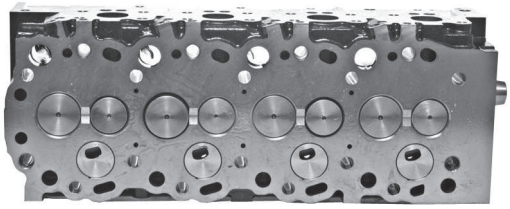
909058 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Remarks: **Drill hole ø 7 mm. under 1st and 4th intake manifold.**

Bemerkungen: 7 mm Bohrung unter Ansaugrohr nr. 1 und 4.

Dyna Hi-Ace Hi-Lux	3L	2.8 D 2779	1110154130 1110154131	1988 → 1991 →	8	664362 O.E. 1375154010	664862 O.E. 1350154070	**664862K** = 664862 + 8 0 10 0	258115





909053

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

Observaciones:Taladro de codificación ø 7 mm bajo 2º colector de admisión. **6 pasos de agua ø 5 mm. en cara de cámaras.**

Remarques: Avec trou de 7 mm a côté 2 º conduit adm. **6 trous diam. 5, côté chambres de precombustion.**

909153

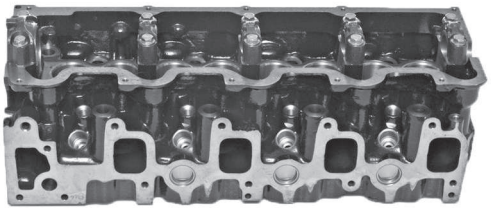
909053 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Remarks: Drill hole ø 7 mm. under 2nd intake manifold. **6 Water channels ø 5 mm. on P.C. Chamber's side.**

Bemerkungen: 7 mm Bohrung unter **Ansaugrohr nr. 2. 6 Wasserkanale ø 5 mm. Durchmesser auf Vorkammersseite.**

TOYOTA

		Cm3	O. E.	YEARS				KIT	KIT
Dyna Hi-Ace Hi-Lux	5L	3.0 D 2986	1110154150	1998 →	8	664362 O.E. 1375154010	664862 O.E. 1350154070	**664862K** = 664862 + 8 / 0 / 10 / 0	258115

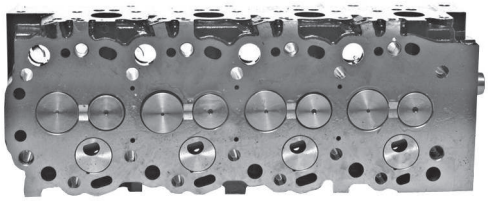


909054

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

Observaciones: Taladro de codificación ø 7 mm bajo 2º y 4º colector de admisión. **6 pasos de agua ø 5 mm. en cara de cámaras.**

Remarques: Avec trou de 7 mm a côté 2 º et 4º conduits adm. **6 trous diam. 5, côté chambres de precombustion.**



909154

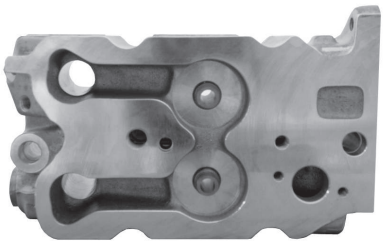
909054 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

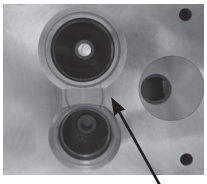
Remarks: Drill hole ø 7 mm. under 2nd & 4th intake manifold. **6 Water channels ø 5 mm. on P.C. Chamber's side.**

Bemerkungen: 7 mm Bohrung unter Ansaugrohr nr. 2 & 4.
6 Wasserkanale a 5 mm. Durchmesser auf Vorkammersseite.

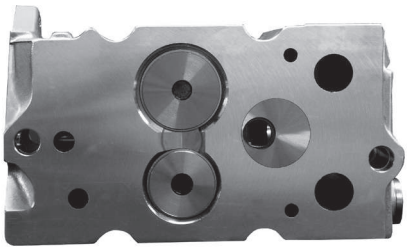
VM MOTORES

		Cm3	O. E.	YEARS				KIT	KIT
Industrial / Marino	HK 494	2.5 2499 D + TD	10352034F 10352038G 10352034G		2				258085





Refuerzo templado entre asientos
Tempered reinforcement between valve seats
Renfort temperé entre siéges
Gehärtete Verstärkung zwischen Ventilsitze



908089
Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

908189
908089 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

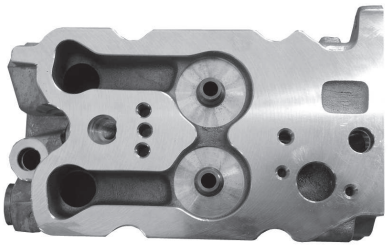
Observaciones: 1 Cilindro. Calentador inclinado. Inyector con brida.
*** Precámara ø 37,8 mm.**

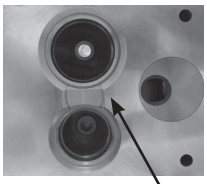
Remarks: 1 Cylinder. Inclinated G. Plug. Clamp injector.
*** P.C. Chambers ø 37,8 mm.**

Remarques: Culasse unitaire. Bougies de préchauffage inclinées. Injecteurs bridés.
*** Chambres de precombustion ø 37,8 mm.**

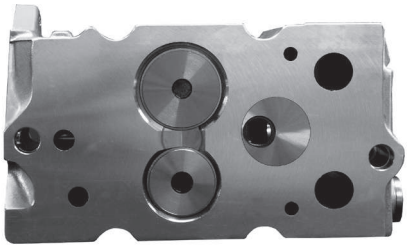
Bemerkungen: 1 Zylinder. Schräge Glühkerze. Klemmdüsenhalter.
*** Vorkammern ø 37,8 mm.**

Industrial / Marino	HR494HT3 HR694HT3	2.5 2499 D + TD	10352054G 10352054O 10352175F		2				258085





Refuerzo templado entre asientos
Tempered reinforcement between valve seats
Renfort temperé entre siéges
Gehärtete Verstärkung zwischen Ventilsitze



908084
Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

908184
908084 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: 1 Cilindro. **Calentador vertical**. **Inyector roscado**. Con dos taladros para sujeción soporte eje balancines.
*** Precámara ø 37,8 mm.**

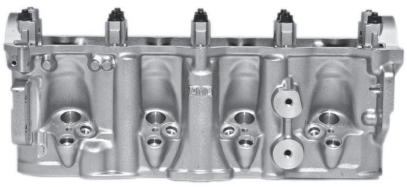
Remarks: 1 Cylinder. **Vertical G. Plug**. **Screw injector.** Two drill holes to fit the rocker cover gasket.
*** P.C. Chambers ø 37,8 mm.**

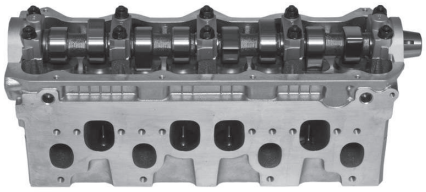
Remarques: Bougies 1 verticale (dernière version avec guide acier). Culasse unitaire. **Injecteurs visses.**
*** Chambres de precombustion ø 37,8 mm.**

Bemerkungen: 1 Zylinder. **Vertikale Glühkerze. Schraubdüsenhalter.** 2 Gewindebohrungen für Kipphebelwellebefestigung.
*** Vorkammern ø 37,8 mm.**

VOLKSWAGEN

		Cm3	O. E.	YEARS				KIT	KIT
Bora Caddy Derby Golf Industrial Jetta	New Beetle Passat Polo Rabbit	AGP AGR AHF ALH AQM ARD ASV	ASY AVM AYQ BEQ BEU BJC BTX	1.9 SDI TDI 1896	038103265AX 038103351B	1997 / 03	8	665786 O.E: 050109309 H	655882 O.E.038109101E 647060 O.E.038109101K	**655882K** = 655882 **647060K** = 647060 + 8 1 0 0	258010





908703
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908303
908703 +:
Válvulas + Muelles + Árbol de levas 655882
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen
Motor: AGP, AQM, ARD, ASY, AYQ, BEQ, BTX

908803
908703 +:
Válvulas + Muelles + Árbol de levas 647060
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen
Motor: AGR, AHF, ALH, ASV, AVM, BEU, BJC

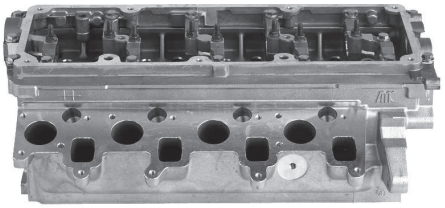
Observaciones: **Con empujadores hidráulicos. Inyección directa.** Sin precámaras. **7 Taladros M6 para sujección tapa balancines.**
655882 Marca en fundición árbol de levas 038 E.
647060 Marca en fundición árbol de levas 038 K.

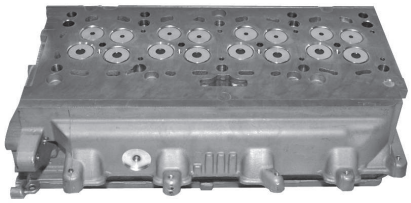
Remarks: **With hydraulic lifters. Direct injection.** Without P. C. Chambers. **7 Drill holes M6 to fit rocker cover.**
655882 Casting mark on camshaft 038E.
647060 Casting mark on camshaft 038K.

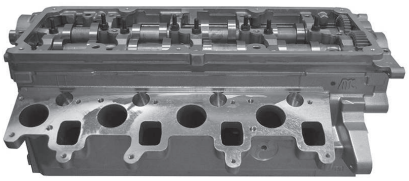
Remarques: Poussoirs hydrauliques. Injection directe. 7 Trous M6 pour fixation du culbuteur.
655882 Repère en fonte sur l'arbre à cames 038E.
647060 Repère en fonte sur l'arbre à cames 038K.

Bemerkungen: Mit hydraulischen Stösseln. Direkteinspritzer. Ohne Vorkammern. **Ventildeckel Dichtfläche mit 7 Bohrungen M6.**
655882 Gussmarke bei Nockenwellen 038E.
647060 Gussmarke bei Nckenwellen 038K.

Industrial	CBAA CBAB CBAC CBBA CBBB CBDA CBDB CBDC	CBEA CEGA CJAA CJDA CJDD	2.0 TDI 1968	03L103373E 03L103353E 03L103063K 03L103063KX 03L103265X 03L103063L 03L103351 03L103351A 03L103351J	2006 →	16	670955 = 16 x 670371 O.E. 059109417J + 16 x 670372 O.E.059109521A O.E.059109521G	647290 (Hollow) 647390 (Chill cast) Adm. / Inlet O.E. 03L109021D O.E. 03L109021 O.E. 03L109021E 647291 (Hollow) 647391 (Chill cast) Esc. / Exhaust O.E. 03L109022 O.E. 03L109022D	**647290K** = 647290 647291 **647390K** = 647390 647391 + 16+16 0 0 0	258192







908700
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908800
908700 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908920
908800 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

Observaciones: Common rail

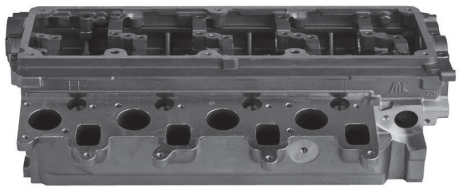
Remarks: Common rail

Remarques: Common rail

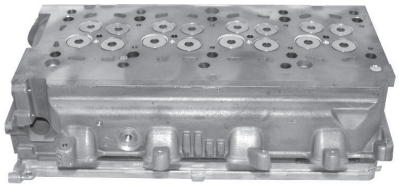
Bemerkungen: Common rail

VOLKSWAGEN

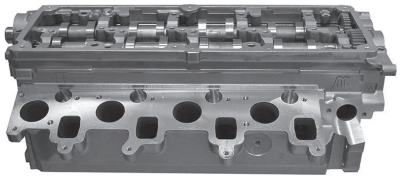
		Cm3	O. E.	YEARS				KIT	KIT
California Industrial Transporter	CAAA CPYA CAAB CPYB CAAC CPYC CAAD CPYD CAAE CPYE CCHA CPYF CCHB CPYG	2.0 TDI 1968	03L103351K 03L103265BX 03L103351E	2008 →	16	670955 = 16 x 670371 O.E. 059109417F O.E. 059109417J + 16 x 670372 O.E.059109521A O.E.059109521G O.E.03L109521A O.E. 05L109521	647290 (Hollow) 647390 (Chill cast) Adm. / Inlet O.E. 03L109021D O.E. 03L109021 O.E. 03L109021E 647291 (hollow) 647391 (chill cast) Esc. / Exhaust O.E. 03L109022 O.E. 03L109022D	647290K = 647290 647291 647390K = 647390 647391 + 16+16 / 0 / 0 / 0	258192



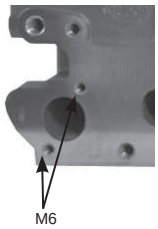
908050
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908150
908050 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



908250
908150 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen



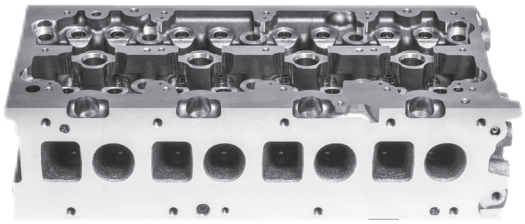
Observaciones: Common rail

Remarks: Common rail

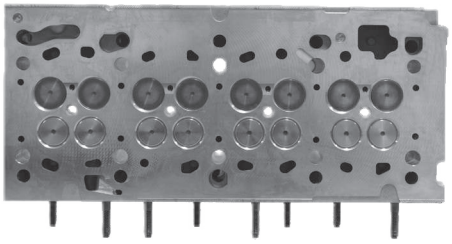
Remarques: Common rail

Bemerkungen: Common rail

Transporter Crafter	CXEB CXHB CXEC CXHC CXFA DAUA CXGA DAUB CXGB DAVA CXGD DAWA CXHA	2.0 TDI	04L103065A 04L103065AX 04L103065B 04L103065BX 04L103064P 04L103064PX 04L103063P 04L103063PX 04L103065K 04L103065KX 04L103065H 04L103065HX	2016 → 2020 → 2017 →	16				258735



908334
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908434
908334 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones:

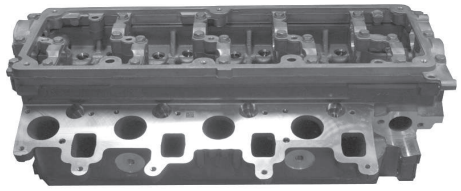
Remarks:

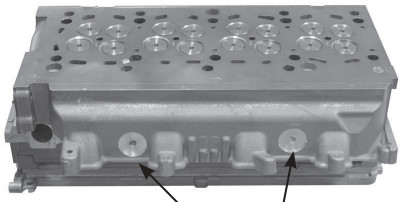
Remarques:

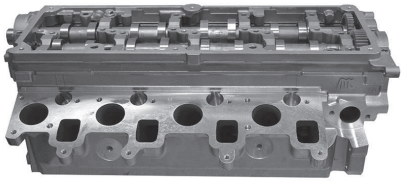
Bemerkungen:

VOLKSWAGEN

		Cm3	O. E.	YEARS				KIT	KIT
Amarok Caddy CC Eos Golf Jetta Passat	Scirocco Sharan Tiguan Touran Transporter	CFFA CFHF CFFB CFJA CFFD CFJB CFFE CKRA CFGB CLCA CFGC CLCB CFHB CLJA CFHC CLLA CFHE	2.0 TDI 1968	03L103351F 03L103351H 03L103351M 03L103265D 03L103265DX 03L103063P	2008 →	16	670955 = 16 x 670371 O.E. 059109417F O.E. 059109417J + 16 x 670372 O.E.059109521A O.E.059109521G O.E.03L109521A O.E. 05L109521	647290 (Hollow) 647390 (Chill cast) Adm. / Inlet O.E. 03L109021D O.E. 03L109021 O.E. 03L109021E 647291 (Hollow) 647391 (Chill cast) Esc. / Exhaust O.E. 03L109022 O.E. 03L109022D	647290K = 647290 647291 647390K = 647390 647391 + 16+16 0 0 0	258192







908725
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908825
908725 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

(1)

908925
908825 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

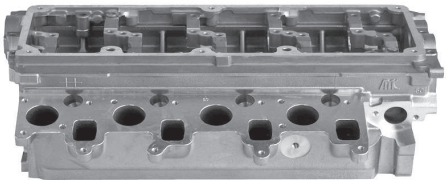
Observaciones: Common rail.
Diferencias entre 908725 y 908726:
(1) 2 Roscas M8 en cara de colectores de admisión. (Sin tubo de agua).

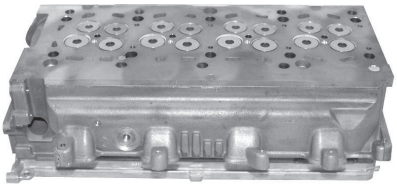
Remarks: Common rail.
Differences between 908725 and 908726:
(1) 2 Drill holes M8 on inlet manifold side. (Without water pipe).

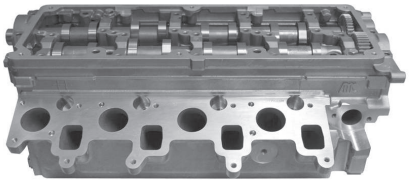
Remarques: Common rail.
Différences entre 908725 et 908726:
(1) 2 Trous fileté M8 sur la face des collecteurs admission. (Sans tuyau d'eau).

Bemerkungen: Common rail.
Unterschied zwischen 908725 und 908726:
(1) 2 Gewinde M8 in Ansaugkrümmerseite. (Ohne Wasserleitung).

Transporter	CFCA	2.0 TDI 1968	03L103065 03L103065X 03L103265C 03L103265CX 03L103265M 03L103265MX 03L103351D 03L103351L	2009 →	15	16	670955 = 16 x 670371 O.E. 059109417F O.E. 059109417J + 16 x 670372 O.E.059109521A O.E.059109521G O.E.03L109521A O.E. 05L109521	647290 (Hollow) 647390 (Chill cast) Adm. / Inlet O.E. 03L109021 O.E. 03L109021E 647291 (Hollow) 647391 (Chill cast) Esc. / Exhaust O.E. 03L109022 O.E. 03L109022D	647290K = 647290 647291 647390K = 647390 647391 + 16+16 0 0 0	258192



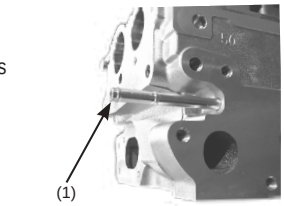




908727
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908827
908727 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908927
908727 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen



(1)
TUBO DE AGUA

Observaciones: Common rail.
(1) Tubo de agua.

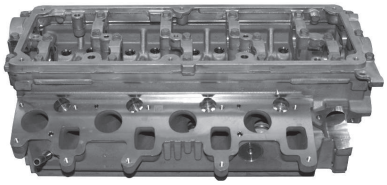
Remarks: Common rail.
(1) Water pipe.

Remarques: Common rail.
(1) Conduite d'eau.

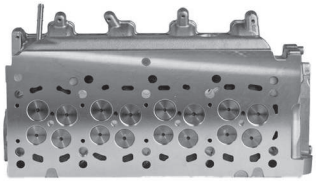
Bemerkungen: Common rail.
(1) Wasserrohr.

VOLKSWAGEN

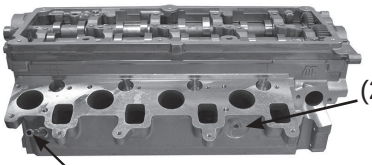
		Cm3	O. E.	YEARS				KIT	KIT
Amarok Crafter	CDBA CNFB CDCA CNEA CKTB* CSHA CKTC* CKUB* CKUC* CNFA	2.0 TDI 1968	03L103065AV 03L103351P 03L103351C 03L103265G 03L103351G 03L103265GX 03L103351N 03L103265E 03L103265EX 03L103351Q 03L103265H 03L103265HX	2010 →	16	670955 = 16 x 670371 O.E. 059109417F O.E. 059109417J + 16 x 670372 O.E.059109521A O.E.059109521G O.E.03L109521A O.E. 05L109521	647290 (Hollow) 647390 (Chill cast) Adm. / Inlet O.E. 03L109021D O.E. 03L109021 O.E. 03L109021E 647291 (Hollow) 647391 (Chill cast) Esc. / Exhaust O.E. 03L109022 O.E. 03L109022D	647290K = 647290 647291 647390K = 647390 647391 + 16+16 0 0 0	258192



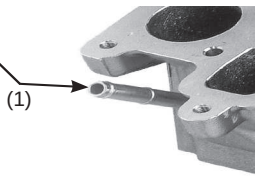
908726
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908826
908726 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



908956
908826 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen



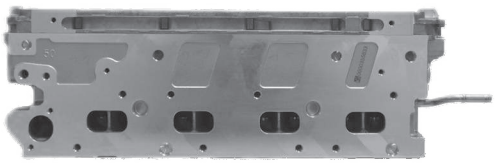
Observaciones: Common rail
***Motores CKTB, CKTC, CKUB, CKUC → Hasta 25/05/2014.**
**** Motores CNEA, CSHA → Hasta 14/07/2014**
Diferencias entre 908725 y 908726:
(1) 1 Tubo de agua en cara de colectores de admisión.
(2) 1 Rosca M8 en cara de colectores de admisión.

Remarks: Common rail.
***CKTB, CKTC, CKUB, CKUC engines → Until 25/05/2014.**
****CNEA, CSHA engines → Until 14/07/2014.**
Differences between 908725 and 908726:
(1) 1 Water pipe on inlet manifold side.
(2) 1 Drill hole M8 on inlet manifold side.

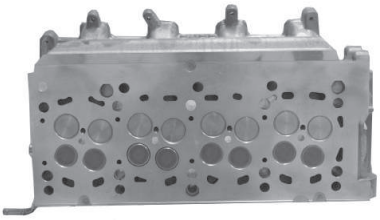
Remarques: Common rail.
***Moteurs CKTB, CKTC, CKUB, CKUC → jusqu´au 25/05/2014.**
****Moteurs CNEA, CSHA → jusqu´au 14/07/2014.**
Différences entre 908725 et 908726:
(1) 1 Tuyau d'eau sur la face des collecteurs admission.
(2) 1 Trou fileté M8 sur la face des collecteurs admission.

Bemerkungen: Common rail.
***Motoren CKTB, CKTC, CKUB, CKUC → bis 25/05/2014.**
****Motoren CNEA, CSHA → bis 14/07/2014.**
Unterschied zwischen 908725 und 908726:
(1) 1 Wasserleitung in Ansaugkrümmerseite.
(2) 1 Gewinde M8 in Ansaugkrümmerseite.

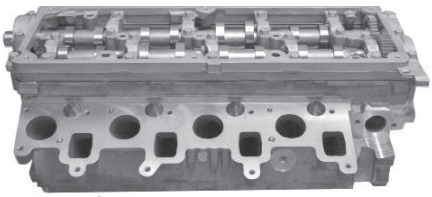
Amarok Crafter	CNEA CKTC* CSHA CKUB* CSLA* CKUC* CSLB CKUP CSLC* CSNA CKTB*	2.0 TDI 1968	03L103265K 03L103265KX 03L103065C 03L103065CX 03L103065B 03L103065BX 03L103265J 03L103265JX 03L103065A 03L103265L 03L103265LX	2012 →	16	670955 = 16 x 670371 O.E. 059109417F O.E. 059109417J + 16 x 670372 O.E.059109521A O.E.059109521G O.E.03L109521A O.E. 05L109521	647290 (Hollow) 647390 (Chill cast) Adm. / Inlet O.E. 03L109021D O.E. 03L109021 O.E. 03L109021E 647291 (Hollow) 647391 (Chill cast) Esc. / Exhaust O.E. 03L109022 O.E. 03L109022D	647290K = 647290 647291 647390K = 647390 647391 + 16+16 0 0 0	258192



908728
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze



908828
908728 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



908928
908828 +:
Árboles de levas
Camshafts
Arbres à cames
Nockenwellen

Observaciones:
***Motores CSLA, CSLC, CKTB, CKTC, CKUB, CKUC → A partir de 26/05/2014.**
****Motores CNEA, CSHA → A partir de 15/072014.**

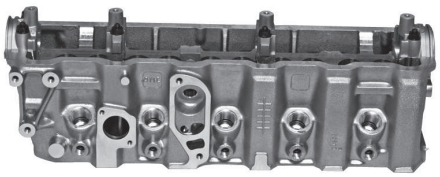
Remarks:
***CSLA, CSLC, CKTB, CKTC, CKUB, CKUC engines → From 26/05/2014.**
****CNEA, CSHA engines → From 15/07/2014.**

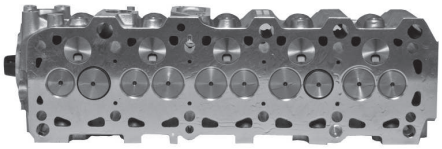
Remarques:
***Moteurs CSLA, CSLC, CKTB, CKTC, CKUB, CKUC → Depuis le 26/05/2014.**
****Moteurs CNEA, CSHA → Depuis le 15/07/2014.**

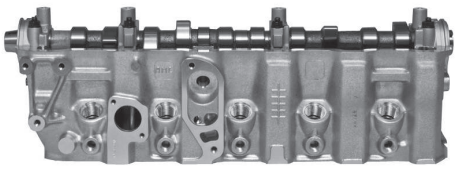
Bemerkungen:
***Motoren CSLA, CSLC, CKTB, CKTC, CKUB, CKUC → von 26/05/2014.**
****Motoren CNEA, CSHA → von 15/07/2014.**

VOLKSWAGEN

		Cm3	O. E.	YEARS				KIT	KIT
Transporter	AAB * AJA AJB	2.4 D 2370	074103351D 074103265BX 074103265DX	1990 / 03	10	653361 O.E. 034109309AD	647012 O.E. 074109101B O.E. 069109101P 653851 O.E. 074109101A	647012K = 647012 653851K = 653851 + 10 2 0 0	258034







908057
Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

908157
908057 +:
Válvulas + Muelles + Árbol de levas 647012
Valves + Springs + Camshaft 647012
Soupapes + Ressorts + Arbre à cames 647012
Ventile + Ventilfedern + Nockenwellen 647012

908357
908057 +:
Válvulas + Muelles + Árbol de levas 653851
Valves + Springs + Camshaft 653851
Soupapes + Ressorts + Arbre à cames 653851
Ventile + Ventilfedern + Nockenwellen 653851

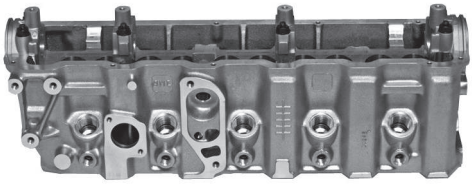
Observaciones: **5 Cilindros**. Con empujadores hidraúlicos. **Sin taladros para fijación de junta de balancines.** Tubo paso de agua en cara de colectores.
*** A partir de Número de Motor 272503.**

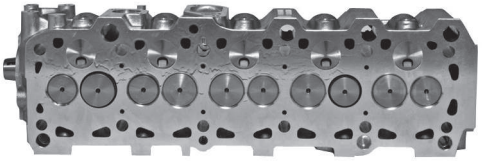
Remarks: **5 Cylinders**. With hydraulic lifters. **Without drill holes to fit rocker gasket.** Water pipe on manifold's side.
*** From Engine Number 272503.**

Remarques: Sans trou de fixation sur le plan de joint du cache culbuteurs. Poussoirs hydrauliques. Tuyau passe d'eau côté collecteurs.
*** À partir du Numéro de Moteur 272503.**

Bemerkungen: 5 Zylinder. Mit hydraulischen Stösseln. **Ventildeckelfläche ohne Bohrungen für Befestigung Dichtung.** Wasserrohranschluss.
*** Ab Motornummer 272503.**

Transporter Transporter Syncro	AAB *	2.4 D 2370	074103351A 074103265X	1990 / 94	10	653361 O.E. 034109309AD	653851 O.E. 074109101A	653851K = 653851 + 10 2 0 0	258034





908034
Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

908134
908034 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Observaciones: **5 Cilindros**. Con empujadores hidraúlicos. **Con 11 taladros ø 5 mm para fijación de junta de balancines.** Tubo paso de agua en cara de colectores.
*** Hasta Número de Motor 272502.**

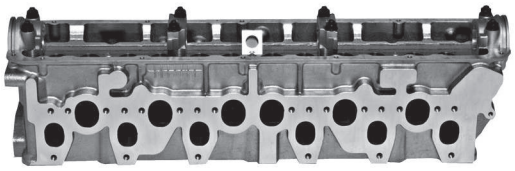
Remarks: **5 Cylinders**. With hydraulic lifters. **With 11 drill holes ø 5 mm to fit rocker gasket.** Water pipe on manifold's side.
*** Until Engine Number 272502.**

Remarques: 11 trous de 5 mm pour la fixation du cache culbuteurs. Poussoirs hydrauliques. Tuyau passe d'eau côté collecteurs.
*** Jusqu'au Numéro de Moteur 272502.**

Bemerkungen: 5 Zylinder. Mit hydraulischen Stösseln. **Ventildeckelfläche mit 11 Bohrungen ø 5 mm.** Wasserrohranschluss.
*** Bis Motornummer 272502.**

VOLKSWAGEN

		Cm3	O. E.	YEARS				KIT	KIT
LT28 LT31 LT35 LT40 LT46	LT50 LTD	DW	2.4 D 2383	075103351J	1982 / 89	12	613211 O.E. 056109311A	653853 O.E. 075109101A	**653853K** = 653853 + 12 2 0 0	258030



908036

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

908136

908036 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

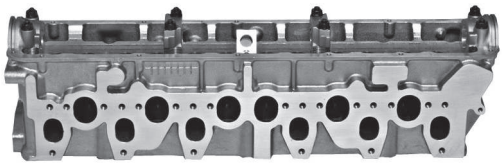
Observaciones: 6 Cilindros. **Alojamiento del depresor 16 mm**. Fondo inyector ø 7 mm. El puente nº 4 mide 40 mm de grosor. Con empujadores mecánicos.

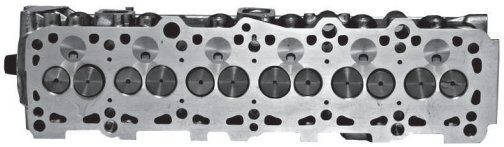
Remarks: 6 Cylinder. **Vacuum pump housing 16 mm**. Cam cap nº 4, 40 mm Width. With mechanical lifters. Injector seat ø 7 mm.

Remarques: Chapeau de palier n°4 d'épaisseur 40 mm. **Diamètre de logement de la goupille de pompe à vide 16 mm.** (pompe côté injecteurs). Poussoirs mécaniques.

Bemerkungen: 6 Zylinder. **Vakuumhaus 16 mm.** Düsenbohrung 7 mm. Mechanischen Stösseln. Brücke nr. 4, 40 mm stark.

Industrial LT	DW DV	2.4 D TD 2383	075103351A 075103351E 075103265X 073103265AX	1982 / 89 1990 / 92	12	613211 O.E. 056109311A	653853 O.E. 075109101A	**653853K** = 653853 + 12 2 0 0	258030





908031

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

908131

908031 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Observaciones: 6 Cilindros. **Alojamiento del depresor 16 mm**. Fondo inyector ø 13 mm. Con empujadores mecánicos. El puente n.° 4 mide 40 mm. de grosor.

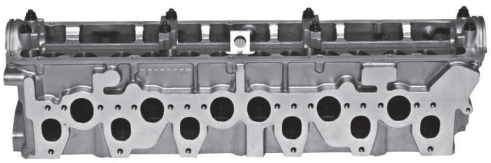
Remarks: 6 Cylinder. **Vacuum pump housing 16 mm**. With mechanical lifters. Cam cap nº 4, 40 mm Width. Injector seat ø 13 mm.

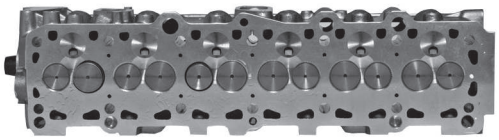
Remarques: Diamètre de logement de la goupille de pompe à vide 16 mm. (pompe côté injecteurs). Diamètre du puit du nez d'injecteur 13 mm. Poussoirs mécaniques. **Chapeau de palier n°4 d'épaisseur 40 mm.**

Bemerkungen: 6 Zylinder. **Vakuumhaus 16 mm.** Düsenbohrung 13 mm. Mechanische Stösseln. Brücke nr. 4, 40 mm stark.

VOLKSWAGEN

		Cm3	O. E.	YEARS				KIT	KIT
LT	1G 1S DW DV	2.4 D TD 2383	075103351H 075103265DX	1982 / 92	12	653361 O.E. 034109309AD	653852 O.E. 075109101C	**653852K** = 653852 + 12 2 0 0	258030





908035

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

Observaciones: 6 Cilindros. Alojamiento del depresor 16 mm. Lleva un taladro de salida de aceite en el alojamiento de los empujadores. **Con empujadores hidraúlicos.** El puente nº 4 mide 37 mm de grosor. **Sin taladro ø 8 mm. en el lateral distribución.**

Remarques: Chapeau de palier n°4 d'épaisseur 37mm. Diamètre de logement de la goupille de pompe à vide 16mm. (pompe côté injecteurs). **Poussoirs hydrauliques. Sans trou de 8 mm côté distribution.**

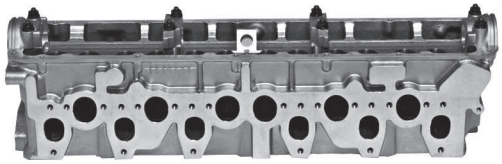
908135

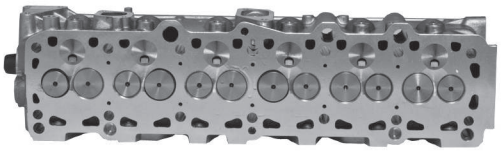
908035 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Remarks: 6 Cylinder. Vacuum pump housing 16 mm. **With hydraulic lifters**. Cam cap nº 4, 37 mm Width. **Without drill hole ø 8 mm on distribution side.** With 1 drill hole for oil exit on lifter's side.

Bemerkungen: 6 Zylinder. Vakuumhaus 16 mm. **Mit hydraulischen Stösseln.** Brücke nr. 4, 37 mm stark. Keine 8 mm. **Bohrung auf Verteilerseite. 1 Bohrung für Ölausgang auf Seite der Stösseln.**

LT	ACL ACT	2.4 D 2383	075103351N 075103265HX	1991 / 95	12	653361 O.E. 034109309AD	653852 O.E. 075109101C	**653852K** = 653852 + 12 2 0 0	258030





908054

Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

Observaciones: 6 Cilindros. Alojamiento del depresor 16 mm. Empujadores hidraúlicos. El puente nº 4 mide 37 mm de grosor. Taladro ø 8 mm. en el lateral distribución. El engrase de la varilla del depresor va ciego.

Remarques: Diam. de la goupille de la pompe à vide 16 mm. Palier n°4 d'épaisseur 37 mm. Poussoirs hydrauliques. Trou de diamètre 8 mm côté distribution.

908154

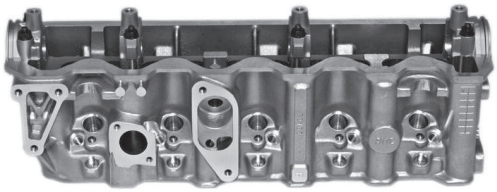
908054 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + NockenwelleN

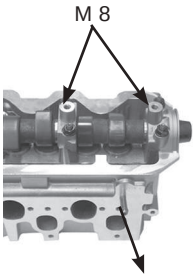
Remarks: 6 Cylinder. Vacuum pump housing 16 mm. With hydraulic lifters. Cam cap nº 4, 37 mm thicknees. With drill hole ø 8 mm on distribution side.

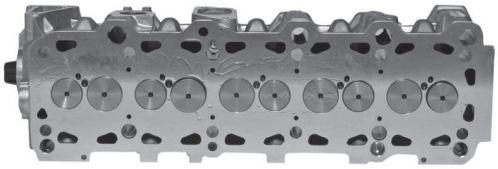
Bemerkungen: 6 Zylinder. Vakuumhaus 16 mm. Mit hydraulischen Stösseln. Brücke nr. 4, 37 mm stark. Mit 8 mm Bohrung auf Verteilerseite.

VOLKSWAGEN

		Cm3	O. E.	YEARS				KIT	KIT
Industrial LT Transporter Transporter Syncro	ACV APA AYY Marine Engine AGX AUF BBE ANF BCV AHD AVR BBF ANG BTW AHY AXG ANH AJT AXL BCT ANJ AYC BCU	2.5 SDI TDI 2461	074103351C 074103275EX 065103351 (Marine Engine)	1995 / 03	10	653361 O.E. 034109309AD	647030 O.E. 074109101J 074109101E 046109101K 046109101G	**647030K** = 647030 + 10 2 0 0	258034







908704
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

Tubo de agua en cara colectores
Water pipe on manifold side
Tuyau d'eau sur le côté collecteurs
Wasserrohr auf Einlassseite

908804
908704 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

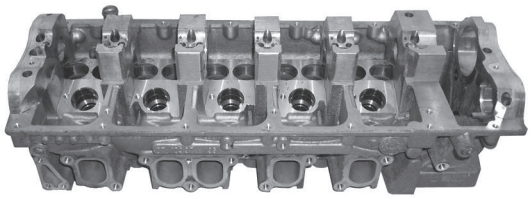
Observaciones: 5 Cilindros. Inyección directa. Con depresor en culata. Marcado con una "E" entre el tercero y cuarto injector.

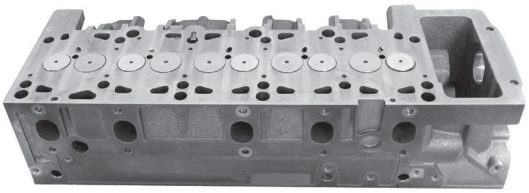
Remarks: 5 Cylinders. Direct injection. With vacuum pump fitted in the cylinder head. Marked with an "E" between the third and fourth injector.

Remarques: 5 Cylindre. Injection directe. Avec abaisseur dans la culasse. Marqué d'un "E" entre le troisième et le quatrième injecteur.

Bemerkungen: 5 Zylinder. Direkteinspritzer. Mit Niederhalter im Zylinderkopf. Mit einem "E" zwischen dem dritten und vierten Injektor gekennzeichnet.

Crafter Multivan Touareg Transporter	AXD BPE AXE BPC BAC BPD BLJ BLK BNZ	2.5 TDI 2.461	070103063AA 070103267AX 070103063D 070103267X 070103063E 070103063K 070103063Q 070103063R 070103063S 070103265DX	2003 →	10	668581 O.E. 038109309C	668881 O.E. 070109101P 668882 O.E. 070109101Q	**668881K** = 668881 **668882K** = 668882 + 10 0 18 12	258712





908712
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908312
908712 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

908812
908312 +:
Árbol de levas 668881
Camshaft 668881
Arbre à cames 668881
Nockenwellen 668881
Motor: AXD AXE BAC BLJ BLK

908912
908312 +:
Árbol de levas 668882
Camshaft 668882
Arbre à cames 668882
Nockenwellen 668882
Motor: BNZ BPC BPD BPE

Observaciones: **908812** Altura válvula admisión OE 90 mm. Válvula de escape OE 89,5 mm. **908912** Altura válvula admisión OE 89,5 mm. Válvula de escape OE 89 mm.

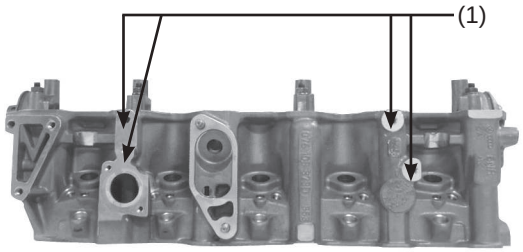
Remarks: **908812** Height intake valve OE 90 mm. Exhaust valve OE 89,5 mm. **908912** Height intake valve OE 89,5 mm. Exhaust valves OE 89 mm.

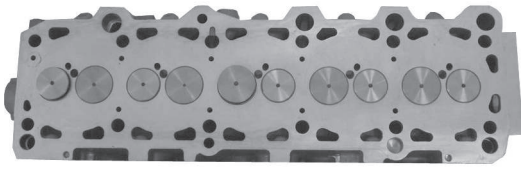
Remarques: 908812 Hauteur soupape d'admission OE 90 mm. Soupape d'échappement OE 89,5 mm. **908912** Hauteur soupape d'admission OE 89,5 mm. Soupape d'échappement OE 89 mm.

Bemerkungen: 908812 Höhe Einlassventil OE 90 mm. Auslassventile OE 89,5 mm. **908912** Höhe Einlassventil OE 89,5 mm.. Auslassventile OE 89 mm.

VOLKSWAGEN

		Cm3	O. E.	YEARS				KIT	KIT
Crafter	BJJ CECB BJK BJL BJM CEBB CECA	2.5 TDI 2461	076103351E 076103265BX	2006 →	10	653361 O.E. 034109309AD	647030 O.E. 074109101J 074109101E 046109101K	**647030K** = 647030 + 10 2 0 0	258034





908713
Guías + Asientos
Guides + Seats
Guides + Sièges
Führungen + Sitze

908813
908713 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

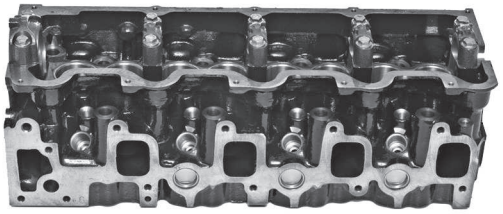
Observaciones: 5 Cilindros. **Inyección directa.** (1) 4 Agujeros

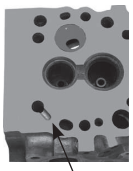
Remarks: 5 Cylinders. **Direct injection.**

Remarques: 5 Cylindre. **Injection directe.**

Bemerkungen: 5 Zylinder. **Direkteinspritzer**.

Taro	2L	2.4 D 2446	J1110154111	1995 / 98	8	664362 O.E. J1375154010	664861 O.E. J1350154050	**664861K** = 664861 + 8 0 10 0	258115



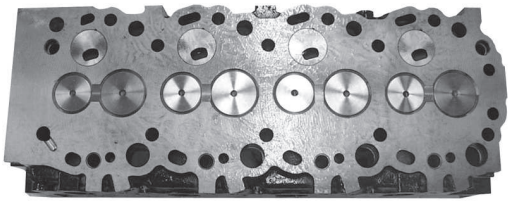


Ranura para lubrificar árbol de levas.

Groove for camshaft lubrification.

Rainure pour lubrification de arbre à cames.

Kerbe für Nockenwelleshmierung



909055
Guías + Asientos + Precámaras.
Guides + Seats + P.C. Chambers.
Guides + Sièges + Chambres de precombustion.
Führungen + Sitze + Vorkammern.

909155
909055 +:
Válvulas + Muelles + Árbol de levas
Valves + Springs + Camshaft
Soupapes + Ressorts + Arbre à cames
Ventile + Ventilfedern + Nockenwellen

Observaciones: **Taladro de codificación ø 7 mm bajo primer colector de admisión.**

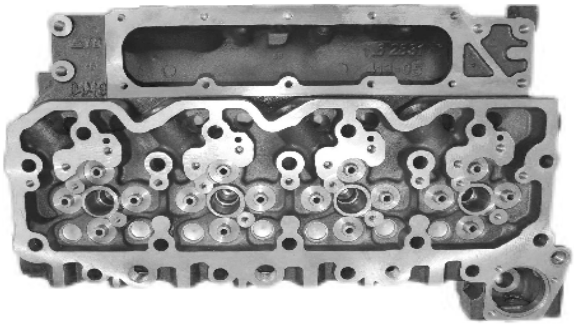
Remarks: **Drill hole ø 7 mm. under 1st intake manifold.**

Remarques: Trou de 7 mm a côté 1 º conduit adm.

Bemerkungen: 7 mm Bohrung unter Ansaugrohr nr. 1.

VOLKSWAGEN

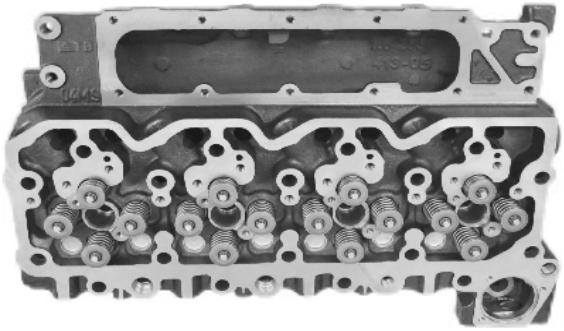
		Cm3	O. E.	YEARS				KIT	KIT
Worker	ISBe170	3.9		2004 →	16				259420



909420
Guías + Asientos
Guides + Seats.
Guides + Sièges.
Führungen + Sitze.

Observaciones: Common Rail
EURO 3

Remarques: Common Rail
EURO 3



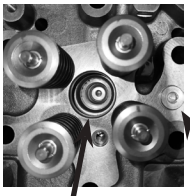
909520
909420 +:
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

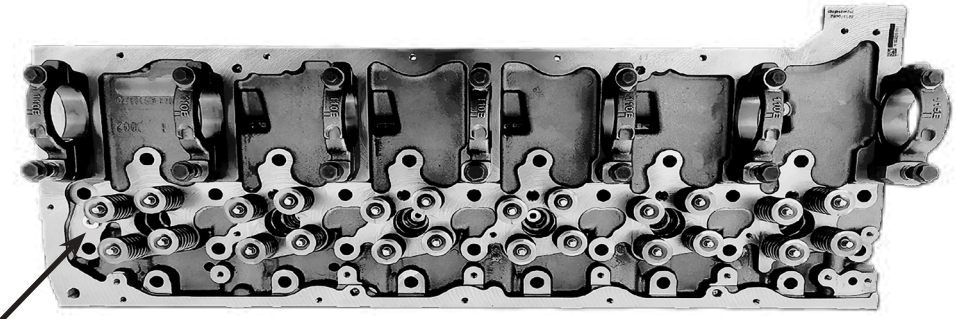
Remarks: Common Rail
EURO 3

Bemerkungen: Common Rail
EURO 3

VOLVO

		Cm3	O. E.	YEARS				KIT	KIT
FM3	D11C	10.8	21092409 20464480 21576296 21893112 22083486 23726082 85003896	2005 →	24				





(1)
Dolla inyector de cobre
Cooper Injector sleeve
Douille d'injecteur de cuivre
Kupfer-Injectordolla

(2) Conducto de aceite tapado
Covered Oil line
Conduite d'huile couvert
Ölleitung abgedeckt

909540
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

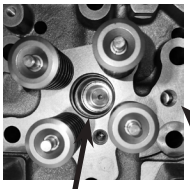
Observaciones: EURO 5
(1) Dolla del inyector de cobre.
(2) Conducto de aciete tapado.

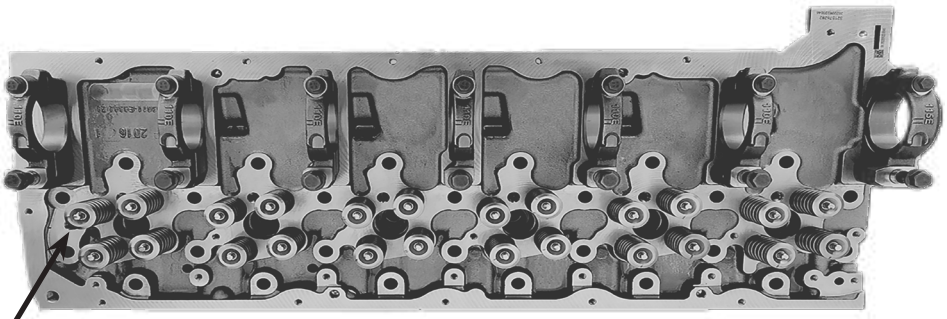
Remarks: EURO 5
(1) Cooper Injector sleeve.
(2) Covered Oil line.

Remarques: EURO 5
(1) Douille d'injecteur de cuivre.
(2) Conduite d'huile couvert.

Bemerkungen: EURO 5
(1) Kupfer-Injectordolla.
(2) Ölleitung abgedeckt.

FM 340 FMX	D11K	10.8	23654159 23115564 22783534 21937552 21379389	2005 →	24				





(1)
Dolla inyector de acero inoxidable
Stainless Steel Injector sleeve
Douille d'injecteur de acier inoxydable
Edelstahl-Injectordolla

(2) Conducto de aceite descubierto
Uncovered Oil line
Conduite d'huile découverte
Unbedeckt Ölleitung

909541
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: EURO 6
(1) Dolla del inyector de acero inoxidable.
(2) Conducto de aceite descubierto.

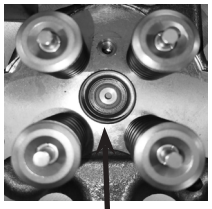
Remarks: EURO 6
(1) Stainless Steel Injector sleeve.
(2) Uncovered Oil line.

Remarques: EURO 6
(1) Douille d'injecteur de acier inoxydable.
(2) Conduite d'huile découverte.

Bemerkungen: EURO 6
(1) Edelstahl-Injectordolla.
(2) Unbedeckt Ölleitung.

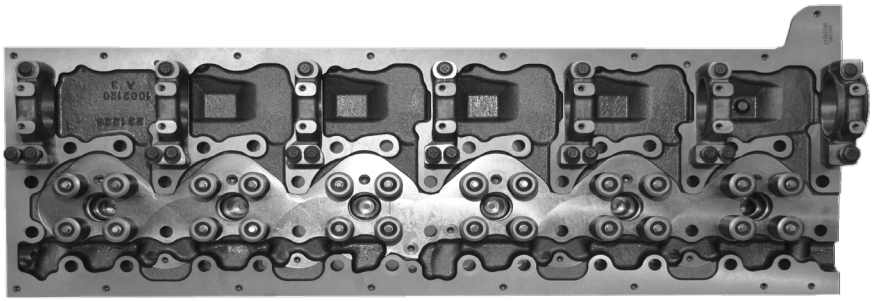
VOLVO

		Cm3	O. E.	YEARS				KIT	KIT
FH 13 FH 480 FH II 480 FM 480 FM II 480 FMX 480	D13A 480 D13C 480	12.8	20871250 22498408 85020328 20960029 22499250 21042154 23043274 21342245 85000720 21625908 85000814 22250859 85003217 22251164 85013933	2005 →	24				



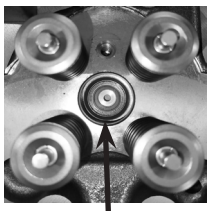
(1)

Dolla inyector de cobre
Cooper Injector sleeve
Douille d'injecteur de cuivre
Kupfer-Injectordolla



909542
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

909543
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern



(2)

Dolla inyector de acero inoxidable
Stainless Steel Injector sleeve
Douille d'injecteur de acier inoxydable
Edelstahl-Injectordolla

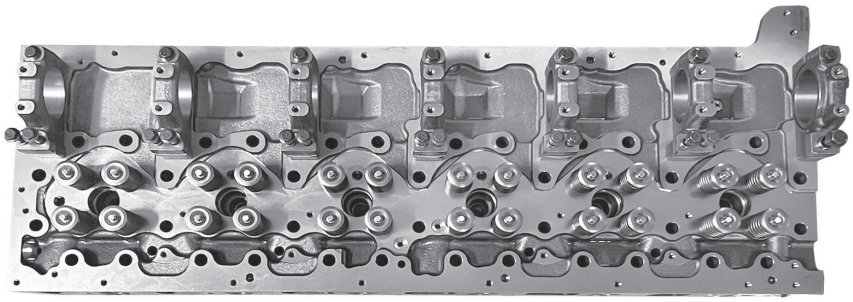
Observaciones: EURO 5
(1) 909542 Dolla del inyector de cobre.
(2) 909543 Dolla del inyector de acero inoxidable.

Remarks: EURO 5
(1) 909542 Cooper Injector sleeve.
(2) 909543 Stainless Steel Injector sleeve.

Remarques: EURO 5
(1) 909542 Douille d'injecteur de cuivre.
(2) 909543 Douille d'injecteur de acier inoxydable.

Bemerkungen: EURO 5
(1) 909542 Kupfer-Injectordolla.
(2) 909543 Edelstahl-Injectordolla.

FH 4 FM 4 FMX 4	D13K 460	12.8	21368560 21754367 22251201 22498447 23115565 23762967 85013924 85019924	2005 →	24				



909544
Válvulas + Muelles
Valves + Springs
Soupapes + Ressorts
Ventile + Ventilfedern

Observaciones: EURO 6

Remarks: EURO 6

Remarques: EURO 6

Bemerkungen: EURO 6

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ISO 9001:2015
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