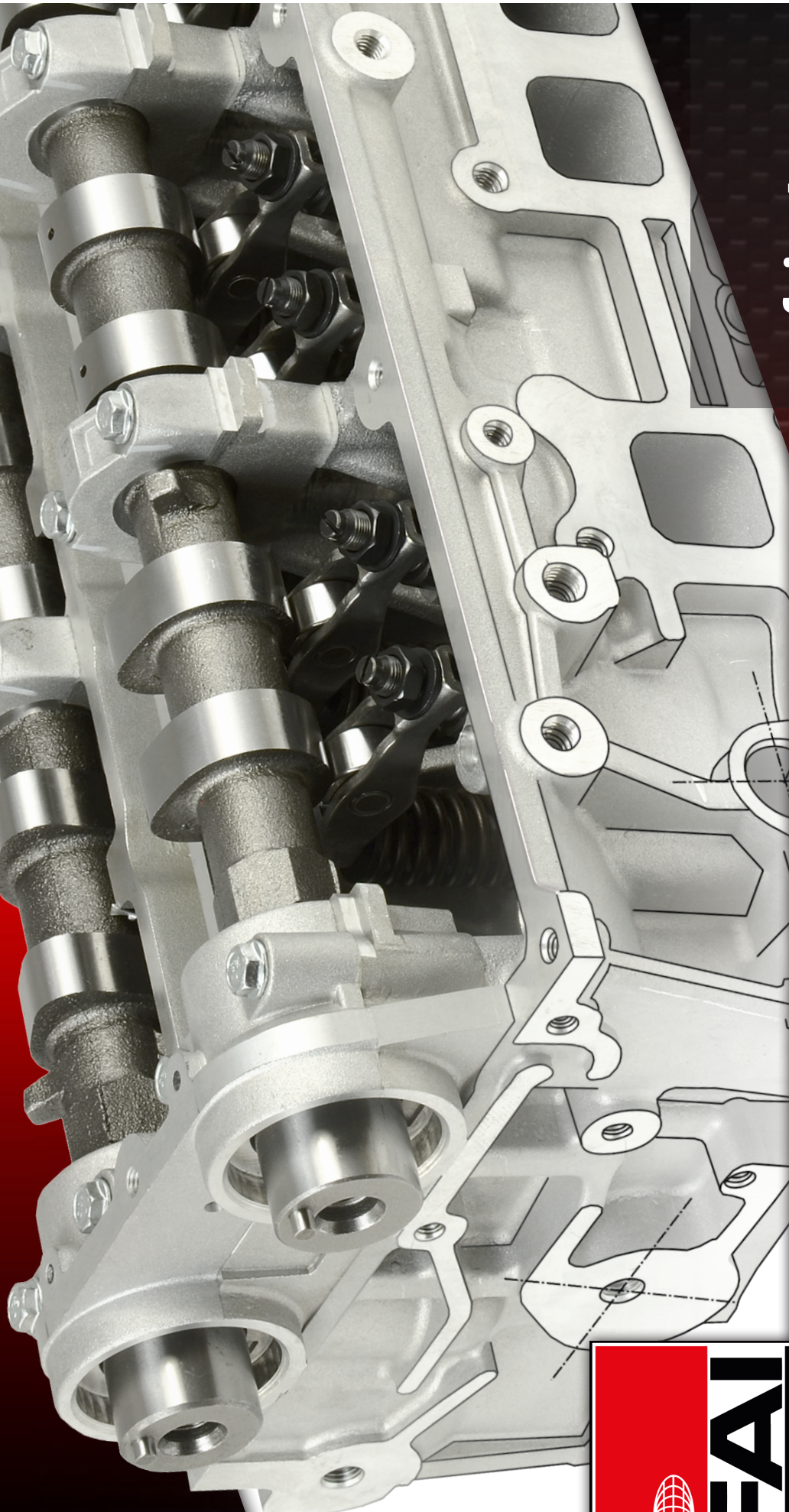


Cylinder Heads

2017 Catalogue



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mamsoftware.com

PLEASE NOTE THAT ANY PART NUMBERS QUOTED, OTHER THAN FAI, ARE FOR REFERENCE PURPOSES ONLY.

Every care has been taken in the preparation of this catalogue but it is obviously not possible to guarantee that this information is currently correct and therefore we are unable to accept liability arising therefrom. We reserve the right to change specifications and prices without prior notice.

REPRODUCTION IN WHOLE OR IN PART IS EXPRESSLY PROHIBITED



faiauto.com



STATEMENT OF QUALITY POLICY

FAI Automotive plc sources, procures, stores, packs and distributes replacement automotive parts under an all-makes programme with the FAI and Camtec brands, covering European, Japanese and Korean passenger cars and light commercial vehicles.

The Directors are committed to maintaining a registered Quality Management System that meets the requirements of ISO 9001:2015.


We place particular emphasis on obtaining customer satisfaction by:

- Treating customers with respect and in a professional manner.
- Responding promptly and accurately to customers' enquiries and orders.
- Maintaining and improving on the quality of the products and services that the Company supplies to its customers.
- Constantly striving to meet and where possible exceed customers' expectations.

We operate by setting objectives and targets for the Quality Management System. Management periodically reviews achievements against these objectives and targets and continually seeks to improve the effectiveness of the system and enhance customer satisfaction.

Our Quality Management System is defined in the Quality Manual, Quality Operating Procedures, and supporting documents.

This Quality Policy is communicated to and understood by personnel within the Company. It is periodically reviewed for continuing suitability to satisfy the needs of the Company, customers, other interested parties, and ISO 9001.

Signed: 

Sean Walker
Managing Director

Issue 2



CERTIFICATE

Management system as per
BS EN ISO 9001:2015

In accordance with TÜV UK Ltd procedures, it is hereby certified that

FAI Automotive plc
The Chiltern Trading Estate
Grovebury Road
Leighton Buzzard
Bedfordshire, LU7 4TU
United Kingdom

applies a management system in line with the above standard for the following scope:

FAI Automotive plc sources, procures, stores, packs and distributes replacement automotive parts under an all-makes programme with the FAI and Camtec brands, covering European, Japanese and Korean passenger cars and light commercial vehicles.



Certificate No.: GB00454
Audit Report No.: 201723406

Valid until: 21/06/2020
Initial certification: 22/06/2005



Signed for and on behalf of TÜV UK Ltd, the Certification Body

London, 24/04/2017

This certificate, which remains the property of TÜV UK Ltd, was issued in accordance with the TÜV UK Ltd auditing and certification procedures as amended from time to time and its validity is subject to regular surveillance audits.

TÜV UK Ltd, AMP House, Suites 27-29, Fifth Floor, Dingwall Road Croydon CR0 2LX, UK www.tuv-uk.com



Associated Parts

FAI offer a comprehensive range of associated parts to Cylinder Heads.

We understand how important it is to have the right parts for the job therefore FAI have endeavoured to produce a broad range of engine components made in our industry leading factories to OE specification.

FAI has long been recognised for it's all makes Gasket and Valve Train programmes. In recent years we have built an industry leading product portfolio covering Passenger Car and Light Commercial Vehicles around the world.

In addition to the parts shown we also offer;

- Water and Oil Pumps
- Timing Belt Kits
- Pistons, Rings and Liners
- Engine Shell Bearings
- Oil Control Valves & VVT Hubs
- Torsional Vibration Dampers
- Oil Sump Pans
-Many More!

For up to date information on all our products, please visit faiauto.com



Important Fitment Information

Please consider the following before fitment;

- When installing a Complete Cylinder Head, the valve clearance must be manually adjusted in-line with the manufacturer specification.
- It is highly recommended to replace Gaskets and Head Bolts when installing or replacing a new Cylinder Head.
- It is essential that the correct grade of Oil and Coolant is used, to ensure optimum performance and longevity to the engine
- Ensure all mating surfaces are clean and free from foreign contaminants.
- When replacing or re-fitting the cylinder head, please see our Help Centre for up to date Tightening Sequence documentation.

If you are in doubt of any points raised or need additional help, please contact our team of FAI engine specialists for assistance. All contact methods can be viewed on the inside front or inside back covers of this catalogue.

Technical Bulletin

Cylinder Head Installation Instructions

& BRS66S
NOT interchangeable

As some customers have been using BRS66S in place of BRS16S, it is important to note that some customers have been using BRS66S in place of BRS16S. This is not recommended as BRS66S is a different design to BRS16S. It is important to ensure that the correct part is used for the correct application. The correct part for the correct application can be found in the fitment table below. This part is not interchangeable with any other part.

As a single fitment part number for the correct application can be found in the fitment table below. This part is not interchangeable with any other part. It is important to ensure that the correct part is used for the correct application. The correct part for the correct application can be found in the fitment table below.



Product Awareness



OP333

Oil Pan for Various VAG 1.4 TSI / TSI

We now offer oil pan kits that fit a selection of vehicles. This part is not interchangeable with any other part.

Make Model Year Date

VW OE 115 116 AD

VW OE 115 116 AD

VW OE 115 116 AD

VW OE 115 116 AD

VW OE 115 116 AD

VW OE 115 116 AD

VW OE 115 116 AD

VW OE 115 116 AD

VW OE 115 116 AD

VW OE 115 116 AD

VW OE 115 116 AD

VW OE 115 116 AD

VW OE 115 116 AD

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1 2 3 4 5 6 7 8

		Application Guide			
	Alfa Romeo		1.3 MultiJet	1248	10/09- D 199 B1 000, 330 A1 000
	Audi				
	A1 (8X1 8XK)		1.6 TDI	1598	05/10- D CAYB, CAYC
	A1 (8XA 8XF)		1.6 TDI	1598	11/11- D CAYB, CAYC
	A3 (8L1)		1.9 TDI	1896	09/96-07/01 D AGR, AHF, ALH, ASV
			1.9 TDI	1896	10/00-05/03 D ATD, AXR, ASZ
			1.6	1595	05/03-08/12 P BSL, BSF, BSE
			1.6 TDI	1598	05/09-08/12 D CAYB, CAYC
			1.9 TDI	1896	03/03-05/10 D BKC, BLS, BSE
	A3 (8P1)		2.0 TDI	1968	05/03-08/12 D AZV, BKG, BUV, BMN
			2.0 TDI	1968	05/03-08/12 D CFFA, CFFB, CFFG, CLLA
			2.0 TDI	1968	06/05-06/08 D BMM
			1.6	1595	09/06-05/10 P BSE
			1.6 TDI	1598	05/09-05/13 D CAYC
			1.9 TDI	1896	04/08-10/09 D BLS
			2.0 TDI	1968	04/06-05/13 D CFFA, CFFB
			1.6	1595	09/04-03/13 P BSL, BSF, BSE
			1.6 TDI	1598	05/09-05/13 D CAYB, CAYC
			1.9 TDI	1896	09/04-05/10 D BKC, BLS, BSE
			2.0 TDI	1968	06/05-06/08 D BMM
			2.0 TDI	1968	09/04-03/13 D AZV, BKG, BUV, BMN
			2.0 TDI	1968	09/04-03/13 D CFFA, CFFB, CFFG, CLLA
			1.6	1595	07/00-09/01 P ALZ
			1.9 TDI	1896	03/00-09/01 D AJMK, ATJ



- 1) Manufacturer
- 2) Model
- 3) Engine Size
- 4) Date range of vehicle
- 5) Fuel Type
- 6) Engine Code
- 7) Part Number
- 8) Vehicle Notes



- 1) faire
- 2) Modèle
- 3) La taille du moteur
- 4) Date de gamme de véhicule
- 5) Type de carburant
- 6) Codes moteur
- 7) Numéro d'article
- 8) notes véhicules



- 1) Machen
- 2) Modell
- 3) Motor
- 4) Zulassungs Jahr
- 5) Brennstoff
- 6) Motor Typ
- 7) Teilenummer
- 8) Anmerkung



- 1) το μέγεθος του κινητήρα
- 2) ΜΟΝΤΕΛΟ
- 3) το μέγεθος του κινητήρα
- 4) ΕΤΟΣ ΚΑΤΑΣΚΕΥΗΣ
- 5) τύπο καυσίμου
- 6) κωδικός κινητήρα
- 7) Κωδικός ανταλλακτικού
- 8) ΓΗΝΟΡΟΦΟΡΕΣ ΟΧΗΜΑΤΟΣ



- 1) Costruttore
- 2) Modello
- 3) Cilindrata
- 4) Intervallo di date del veicolo
- 5) tipo di carburante
- 6) motore codice
- 7) codice articolo
- 8) veicoli note



- 1) zrobic
- 2) model
- 3) pojemność silnika
- 4) zakres dat silnika
- 5) rodzaj paliwa
- 6) dane silnika
- 7) Numer części
- 8) notatki pojazdzu



- 1) fazer
- 2) modelo
- 3) tamanho do motor
- 4) intervalo de datas de veículo
- 5) tipo de combustível
- 6) código do motor
- 7) número da peça
- 8) nota veículo



- 1) Марка автомобиля
- 2) Модель
- 3) Объем двигателя
- 4) Годы выпуска автомобиля
- 5) Тип топлива
- 6) Код двигателя
- 7) номер артикула
- 8) Примечания по автомобилю



- 1) napraviť
- 2) model
- 3) motor veľičina
- 4) razdoblje proizvodnje vozila
- 5) Typ (vrsta) goriva
- 6) motora kod
- 7) výrobováčský broj
- 8) napomene o vozilu



- 1) Fabricante
- 2) Modelo
- 3) tamaño de la maquina
- 4) Periodo de venta del vehículo
- 5) Combustible
- 6) Código de motor
- 7) Número de pieza
- 8) Información adicional



For a comprehensive overview of all parts stocked by FAI, please log on to our online catalogue at faiauto.com

To search by manufacturer/model firstly please select from the 'popular manufacturers' list. Then by model as shown below.

If you know the part number or have a competitor reference, please enter it here.

To see all parts associated with a specific engine code please enter it in the box indicated. Once an engine code is selected the parts will display as below

Part Number	Vehicle	Application Description
BCH037	NISSAN PATHFINDER III (R61) 2.5 dCi 4WD	Cylinder Head
BCH037	NISSAN MURANO III (Z52) 2.5 dCi ALL MODE 4x4	Cylinder Head
BCH005	NISSAN PICK UP (D22) 2.5 Di	Cylinder Head
BCH037	NISSAN MURANO II (Z51) 2.5 dCi 4x4	Cylinder Head
BCH037	NISSAN CABSTAR (F23 H41 H42) 2.5 dCi	Cylinder Head
BCH005	NISSAN PATHFINDER III (R61) 2.5 dCi	Cylinder Head
BCH037	NISSAN NP300 NAVARA (D40) 2.5 dCi 4WD	Cylinder Head
BCH037	NISSAN NAVARA (D22) 2.5 D-44	Cylinder Head
BCH005	NISSAN NP300 PICKUP (D22) 2.5 dCi 4x4	Cylinder Head
BCH006	NISSAN NP300 NAVARA (D40) 2.5 dCi 4WD	Cylinder Head

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Applications

Manufacturer	Page Number	Manufacturer	Page Number	Manufacturer	Page Number
Alfa Romeo	67	Isuzu	74	Opel/Vauxhall	84-85
Audi	67-68	Iveco	74	Peugeot	85-86
BMW	68	Jeep	74	Renault	86-88
Chevrolet	69	Kia	74-75	Rover	88
Chrysler	69	Lancia	75	Seat	88-90
Citroen	69	Landrover	75	Skoda	90-91
Dacia	70	Lotus	76	Subaru	91
Dodge	70	Mazda	76	Suzuki	91-92
Fiat	70-71	Mercedes	76-80	Toyota	92-94
Ford	71-72	Mitsubishi	81-82	Volvo	94
Hyundai	72-74	Nissan	82-83	VW	94-97

Engine Guide 99-103

Cross References 104-107

CCH001 Complete Cylinder Head

Product Information

For Vehicle Makes:

Mitsubishi, Hyundai, Kia

For Engines:

D4BA, D4BH, 4D56T, 4D56

Parts Included:

Camshaft, Valves, Valve Springs, Valve Guides, Rocker Arms, Coolant Pipe Connector, Manifold Bolts

Technical Specifications

Inlet Valve Head Diameter: 40MM

Exhaust Valve Head Diameter: 34MM

Total Valve Length: 130MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

With Crescent Shaped Prechamber(fig.1). With Recessed Valves, for Bare Cylinder Head see BCH001, Alternative Version BCH044

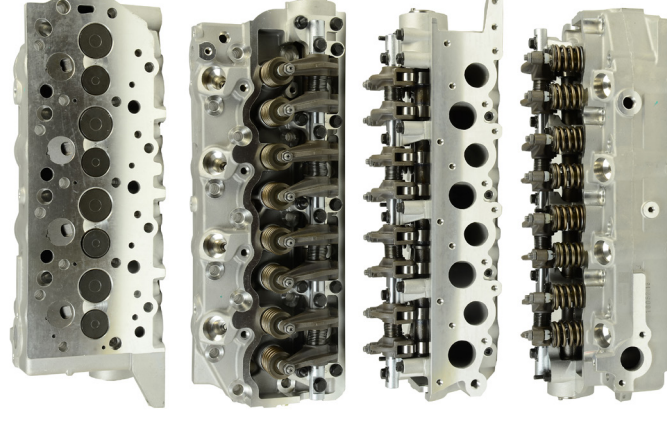
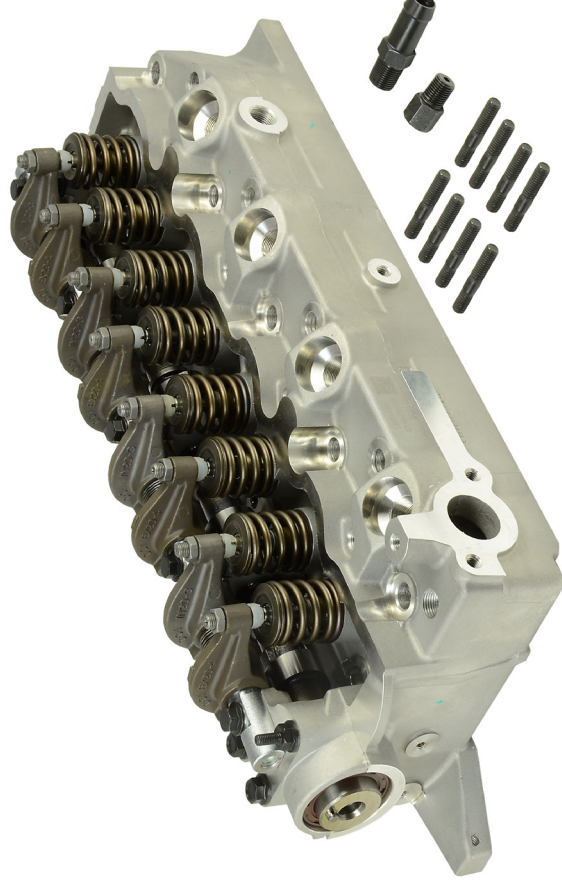


fig.1



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	See Webcatalogue	R, W	Inlet Valve	IV8404	*
Head Set	HS1823NH, HS654	R, W	Exhaust Valve	EV8406	*
Head Bolts	B1046	R	Valve Stem Seal	VSK328	*
Rocker Cover Gasket	RC375S	R	Camshaft	C217	*
Intake Manifold Gasket	EM375, EM1823	R, W	Rocker Arm/Follower	R966S, R967S	*, W
Exhaust Manifold Gasket	EM375, EM1823	R, W	Oil Seals	OS242	R



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC	908613
Hyundai, Kia	22100-42000
Hyundai, Kia	22100-42200
Hyundai, Kia	22100-42400

CCH004 Complete Cylinder Head

Product Information

For Vehicle Makes:

Mitsubishi

For Engines:

4M40-T

Parts Included:

Valve Guides, Valve Springs, Valves, Camshaft, Followers, Manifold Bolts

Technical Specifications

Inlet Valve Head Diameter: 41MM

Exhaust Valve Head Diameter: 35MM

Total Valve Length: 108.5MM, 108.7MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

Rectangular Pre-Chamber (fig.1), for Bare Cylinder Head see BCH004



fig.1

Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG985	R	Inlet Valve	IV94668	*
Head Set	HS985	R	Exhaust Valve	EV94669	*
Head Bolts	B1202	R	Valve Guides	BFG012	*
Rocker Cover Gasket	RC985S	R	Valve Stem Seal	VSK328	*
Intake Manifold Gasket	IM985	R	Camshaft	C285	*
Exhaust Manifold Gasket	EM985, EM985AK	R, W	Rocker Arm/Follower	BFS180S	*

W See website catalogue

*

Included with Product

R Not included, but required

NH

No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908614

Mitsubishi ME193804

Mitsubishi ME202620

CCH009 Complete Cylinder Head

Product Information

For Vehicle Makes:
Ford/Mazda

For Engines:
WLAA, WEAT, WLAT

Parts Included:
Valve Stem Seals, Water Connector Pipe, Manifold Bolts, Valves, Camshafts, Valve Springs, Rocker Arms

Technical Specifications

Inlet Valve Head Diameter: 31MM

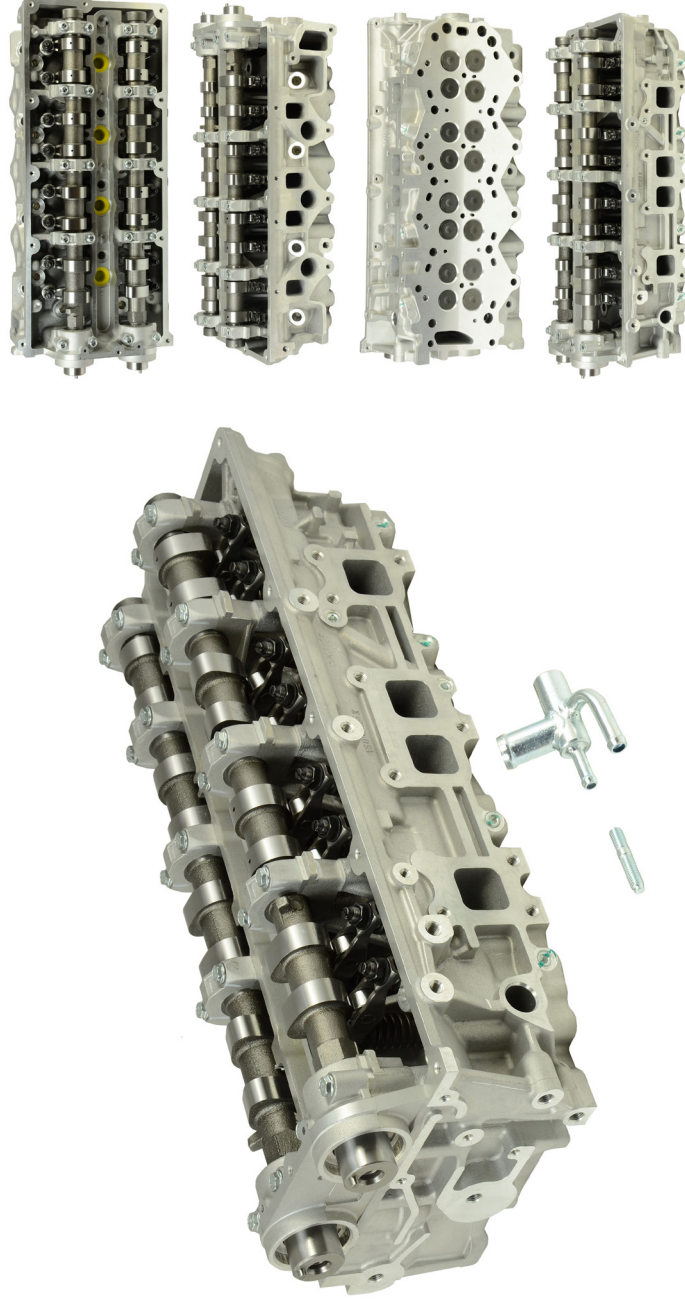
Exhaust Valve Head Diameter: 28MM

Total Valve Length: 112MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:
For Bare Cylinder Head see BCH009



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG2102, HG2134A(T)	R, W	Inlet Valve	IV95167	*
Head Set	HS2134NH	R	Exhaust Valve	EV95168	*
Head Bolts	B2102	R	Valve Stem Seal	VSK2102	*
Rocker Cover Gasket	RC2102S	R	Camshaft	C342, C343	*, W
Intake Manifold Gasket	IM2102	R	Rocker Arm/Follower	R167S	*
Exhaust Manifold Gasket	EM2102	R	Oil Seals	OS1804, OS2105	*, W



W See website catalogue
R Not included, but required

***** Included with Product
NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References	
Manufacturer	Reference
AMC	908849
Ford	4986980
Mazda	WE0110100J
Mazda	WE0110100K

CCH014 Complete Cylinder Head

Product Information

For Vehicle Makes:
Ford/Mazda

For Engines:
WL, WL-T, WLE7

Parts Included:

Valve Guides, Valve Springs, Valves, Camshaft, Coolant Pipe Connector

Technical Specifications

Inlet Valve Head Diameter: 32.7MM

Exhaust Valve Head Diameter: 35.6MM

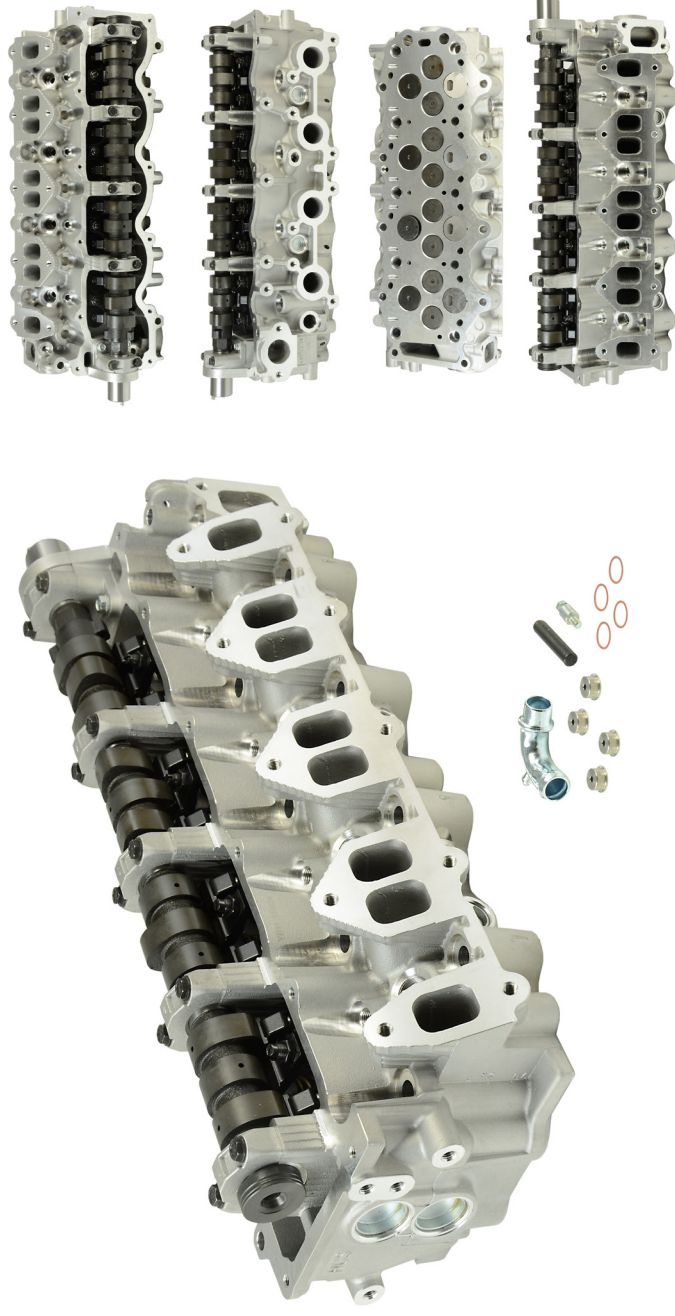
Total Valve Length: 111.8MM, 111.9MM

No. Valves Required: 12

No. Camshafts Required: 1

Important Notes:

For Bare Cylinder Head see BCH014



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1804	R	Inlet Valve	IV95104	*
Head Set	HS1804	R	Exhaust Valve	EV95105	*
Head Bolts	B1804	R	Valve Stem Seal	VSK1804	*
Rocker Cover Gasket	RC1804S	R	Camshaft	C321	*
Intake Manifold Gasket	IM1804	R	Rocker Arm/Follower	R166S, R208S, BFS319S	*, W
Exhaust Manifold Gasket	EM1804	R	Oil Seals	OS1804	*

W See website catalogue

*

Included with Product

NH

R Not included, but required

T

Choice of Gasket Thickness

Cross References

Manufacturer	Reference
AMC	908844
AMC	908845
AMC	908847
Ford	40443225

BCH001 Bare Cylinder Head

Product Information

For Vehicle Makes:

Mitsubishi, Hyundai, Kia

For Engines:

D4BA, D4BH, 4D56T, 4D56

Parts Included:

Valve Guides, Coolant Pipe Connector, Manifold Bolts

Technical Specifications

Inlet Valve Head Diameter: 40MM

Exhaust Valve Head Diameter: 34MM

Total Valve Length: 130MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

With Crescent Shaped Prechamber (fig.1), For Recessed Valves, for Complete Cylinder Head see CCH001 Alternative Version BCH044



fig.1

Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	See Webcatalogue	R, W	Inlet Valve	IV8404	R
Head Set	HS1823NH, HS654	R, W	Exhaust Valve	EV8406	R
Head Bolts	B1046	R	Valve Stem Seal	VSK328	R
Rocker Cover Gasket	RC375S	R	Camshaft	C217	R
Intake Manifold Gasket	EM375, EM1823	R, W	Rocker Arm/Follower	R966S, R967S	R, W
Exhaust Manifold Gasket	EM375, EM1823	R, W	Oil Seals	OS242	R



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC	908513
Hyundai, Kia	22100-42000
Hyundai, Kia	22100-42200
Hyundai, Kia	22100-42400

BCH004 Bare Cylinder Head

Product Information

For Vehicle Makes:

Mitsubishi

For Engines:

4M40-T

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 41MM

Exhaust Valve Head Diameter: 35MM

Total Valve Length: 108.5MM, 108.7MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

Rectangular Pre-Chamber (fig.1), for Complete Cylinder Head see CCH004

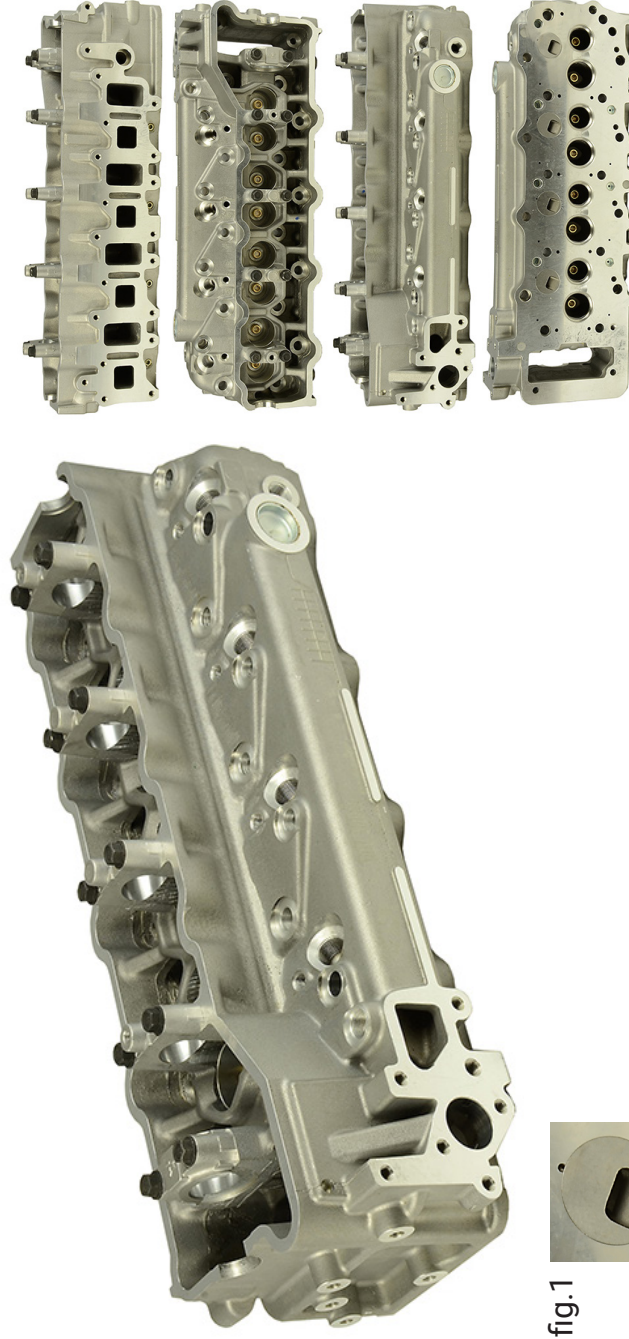


fig.1



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG985	R	Inlet Valve	IV94668	R
Head Set	HS985	R	Exhaust Valve	EV94669	R
Head Bolts	B1202	R	Valve Guides	BFG012	*
Rocker Cover Gasket	RC985S	R	Valve Stem Seal	VSK328	R
Intake Manifold Gasket	IM985	R	Camshaft	C285	R
Exhaust Manifold Gasket	EM985, EM985AK	R, W	Rocker Arm/Follower	BFS180S	R

W See website catalogue

Included with Product

T

Choice of Gasket Thickness

NH

No Head Gasket Included

Cross References

Manufacturer Reference

AMC 908514

Mitsubishi ME193804

Mitsubishi ME202620

BCH005 Bare Cylinder Head

Product Information

For Vehicle Makes:

Nissan

For Engines:

YD22DDT, YD25DDTI, YD22ETI

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 28MM

Exhaust Valve Head Diameter: 26MM

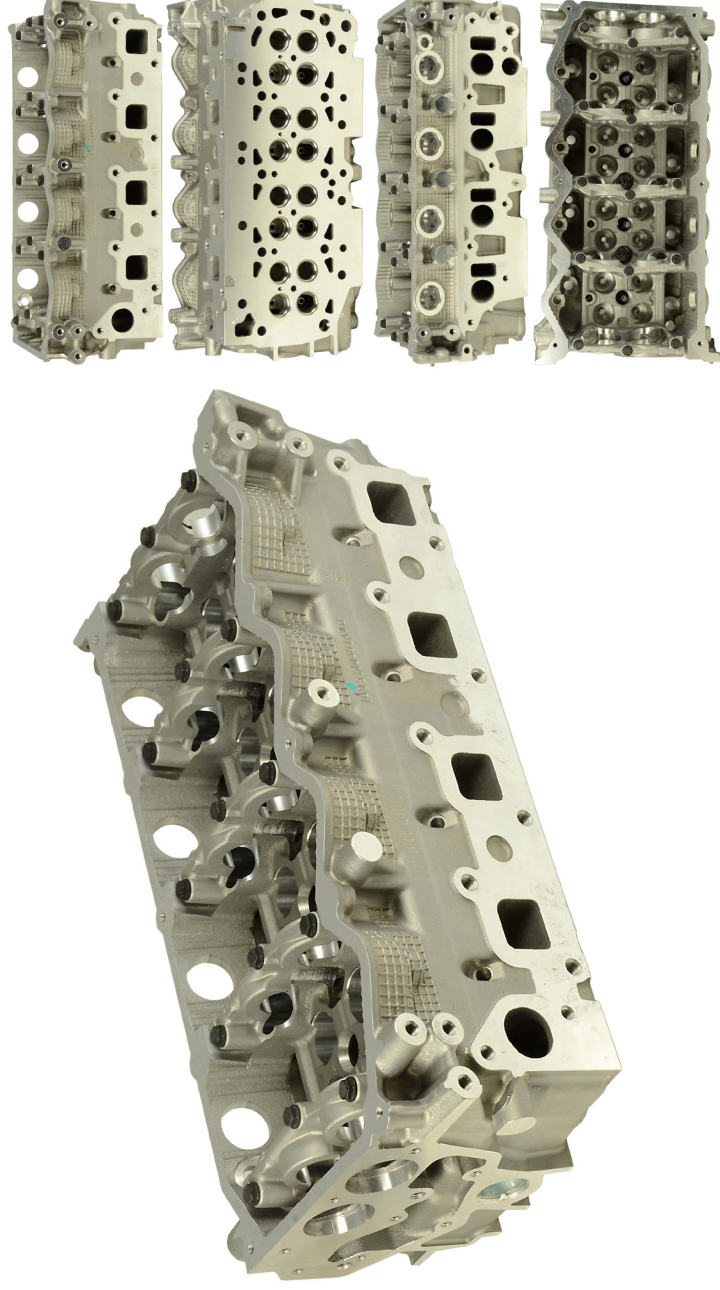
Total Valve Length: 106.35MM, 106.75MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For Non CRD Engines, See Manifold Design



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1827E(T), HG1297E(T)	W, R	Inlet Valve	IV94710	R
Head Set	See Website Catalogue	W, R	Exhaust Valve	EV94711	R
Head Bolts	B1297, B2239, B2105	W, R	Valve Stem Seal	VSK1297	R
Rocker Cover Gasket	See Website Catalogue	W, R	Valve Guides	BFG015, BFG016	*
Intake Manifold Gasket	IM1297, IM2239	W, R	Camshaft	C294, C295	R
Exhaust Manifold Gasket	See Website Catalogue	W, R	Rocker Arm/Follower	BFS181S	R



W See website catalogue

R Not included, but required

*

Included with Product

NH

No Head Gasket Included

T Choice of Gasket Thickness

Cross References	Manufacturer	Reference
AMC	AMC	908505
Nissan	Nissan	110405M300
Nissan	Nissan	110405M301
Nissan	Nissan	110405M302

BCH006 Bare Cylinder Head

Product Information

For Vehicle Makes:

Nissan

For Engines:

YD25DDTi, YD22ETi

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 28MM

Exhaust Valve Head Diameter: 26MM

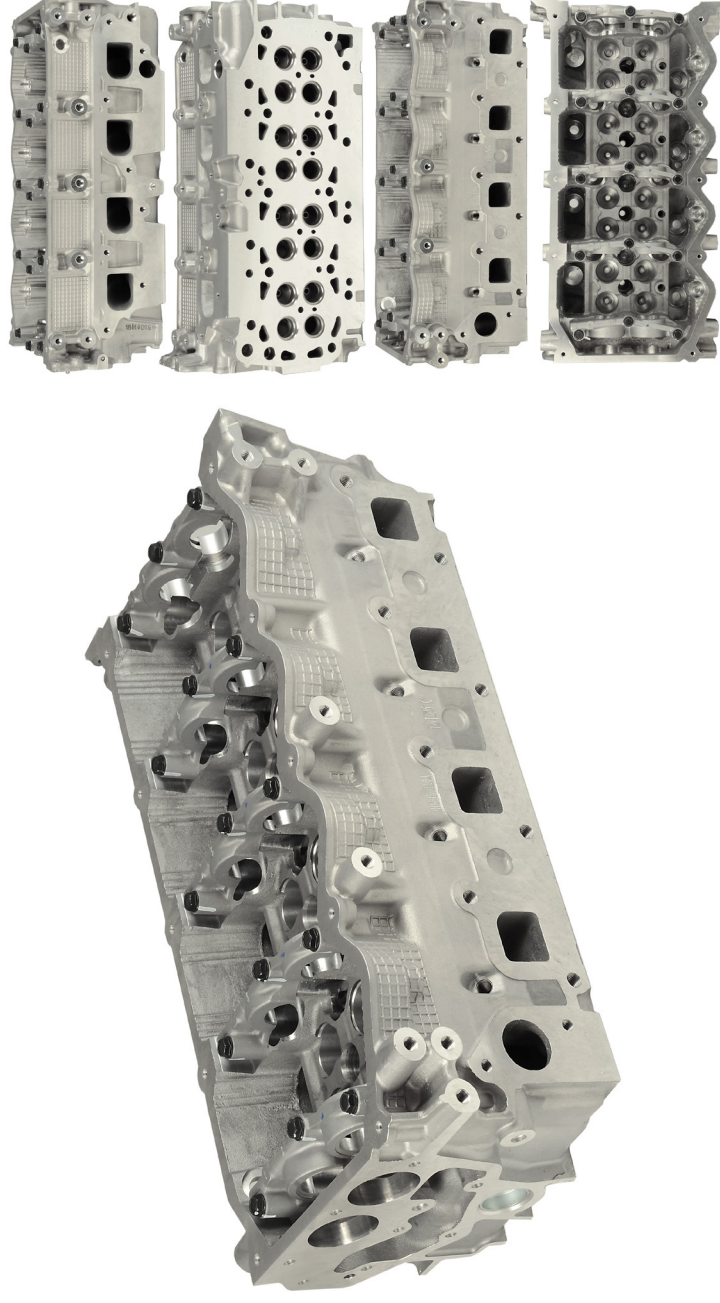
Total Valve Length: 106.35MM, 106.75MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For CRD Engines, See Manifold Design



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1511, HG1827E(T)	W, R	Inlet Valve	See Website Catalogue	W, R
Head Set	HS1297NH, HS2105NH	W, R	Exhaust Valve	See Website Catalogue	W, R
Head Bolts	B1297, B2239, B2105	W, R	Valve Stem Seal	VSK1297	R
Rocker Cover Gasket	See Website Catalogue	W, R	Valve Guides	BFG015, BFG016	*
Intake Manifold Gasket	IM1297, IM2239	W, R	Camshaft	C290, C291	R
Exhaust Manifold Gasket	See Website Catalogue	W, R	Rocker Arm/Follower	BFS181S	R

W See website catalogue

R Not included, but required

*

Included with Product

NH

No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

Manufacturer	Reference
AMC	908510
Nissan	11039EB30A
Nissan	11039EC00A
Nissan	11040EB300



BCH007 Bare Cylinder Head

Product Information

For Vehicle Makes:

Mitsubishi

For Engines:

4D56 HP

Parts Included:

Manifold Bolts, Injector Washers

Technical Specifications

Inlet Valve Head Diameter: 31.5M

Exhaust Valve Head Diameter: 27.5MM

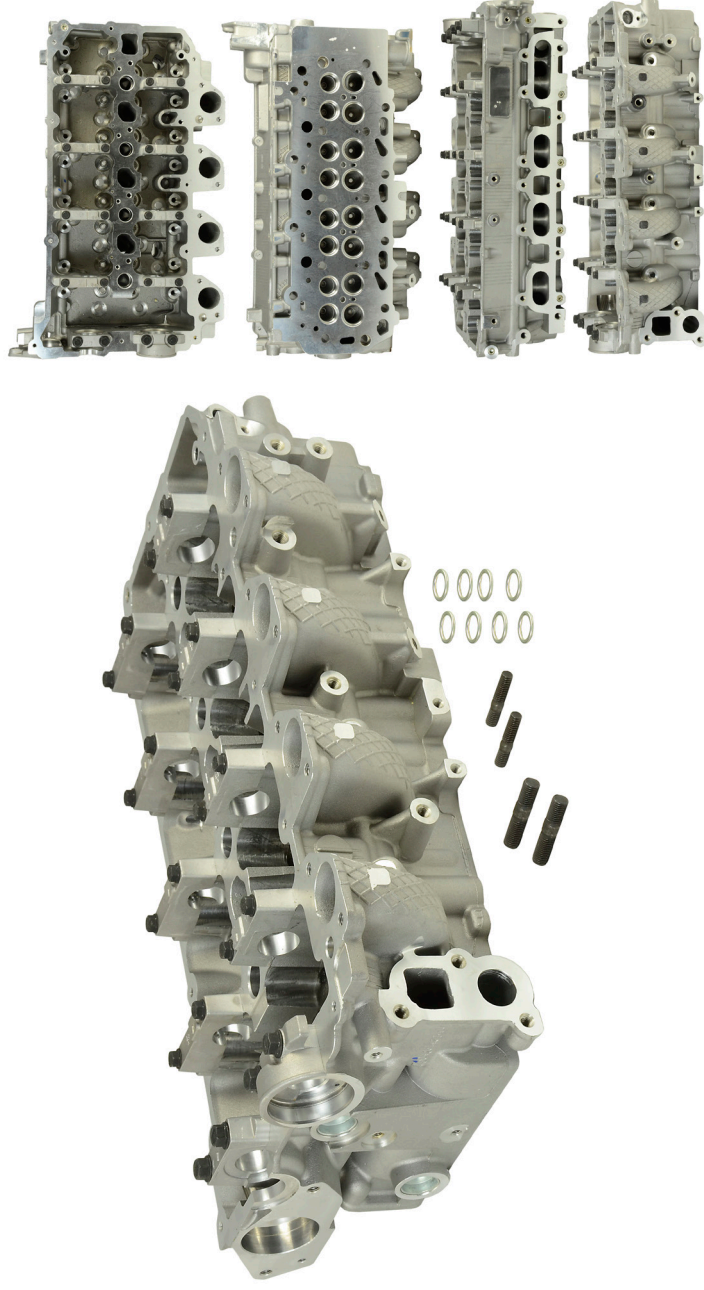
Total Valve Length: 107.6MM, 108MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

See web catalogue for the latest information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG2101	R	Inlet Valve	IV95136, IV95138	W, R
Head Set	HS2101	R	Exhaust Valve	EV95137, EV95139	W, R
Head Bolts	B2101	R	Valve Stem Seal	VSK2163	R
Rocker Cover Gasket	RC2101S	R	Camshaft	C308, C309, C310, C311	W, R
Intake Manifold Gasket	IM2101	R	Rocker Arm/Follower	R215S	R
Exhaust Manifold Gasket	EM2101	R	Oil Seals	OS242	R

Cross References	
Manufacturer	Reference
AMC	908519
Mitsubishi	1005A560
Mitsubishi	1005B452
Mitsubishi	1005B453



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

BCH008 Bare Cylinder Head

Product Information

For Vehicle Makes:

Toyota

For Engines:

2KD-FTV

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 30.5MM

Exhaust Valve Head Diameter: 26.5MM

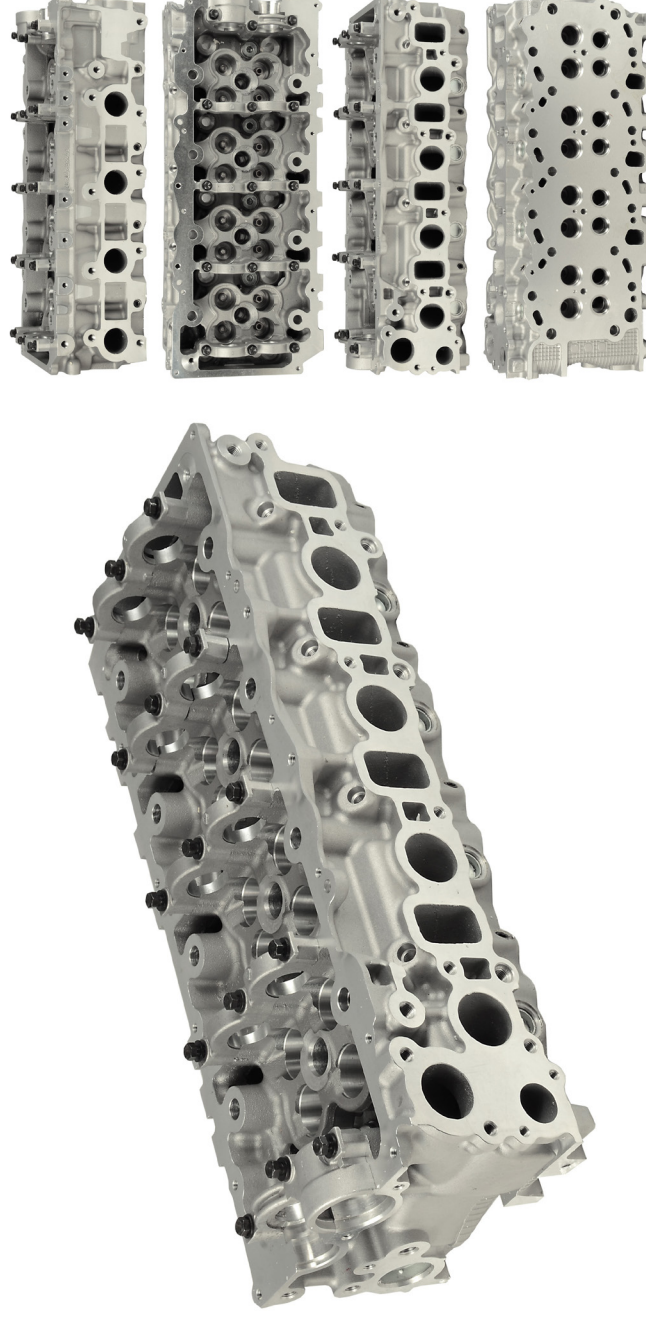
Total Valve Length: 105.6MM, 105.8MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

See web catalogue for the latest information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG2124D(T)	R	Inlet Valve	IV95246	R
Head Set	HS2124NH	R	Exhaust Valve	EV95247	R
Head Bolts	B2124	R	Valve Stem Seal	VSK2124	R
Rocker Cover Gasket	RC2124S	R	Oil Seals	OS349	R
Intake Manifold Gasket	IM2124	R	Glow Plug	LP068, LP077	R, W
Exhaust Manifold Gasket	EM2124	R			

W See website catalogue

R Not included, but required

***** Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908784

Toyota 1110130040

Toyota 1110130060

Toyota 1110130070



BCH009 Bare Cylinder Head

Product Information

For Vehicle Makes:

Ford/Mazda

For Engines:

WLAA, WEAT, WLAT

Parts Included:

Valve Stem Seals, Valve Guides, Water Connector Pipe, Manifold Bolts

Technical Specifications

Inlet Valve Head Diameter: 31MM

Exhaust Valve Head Diameter: 28MM

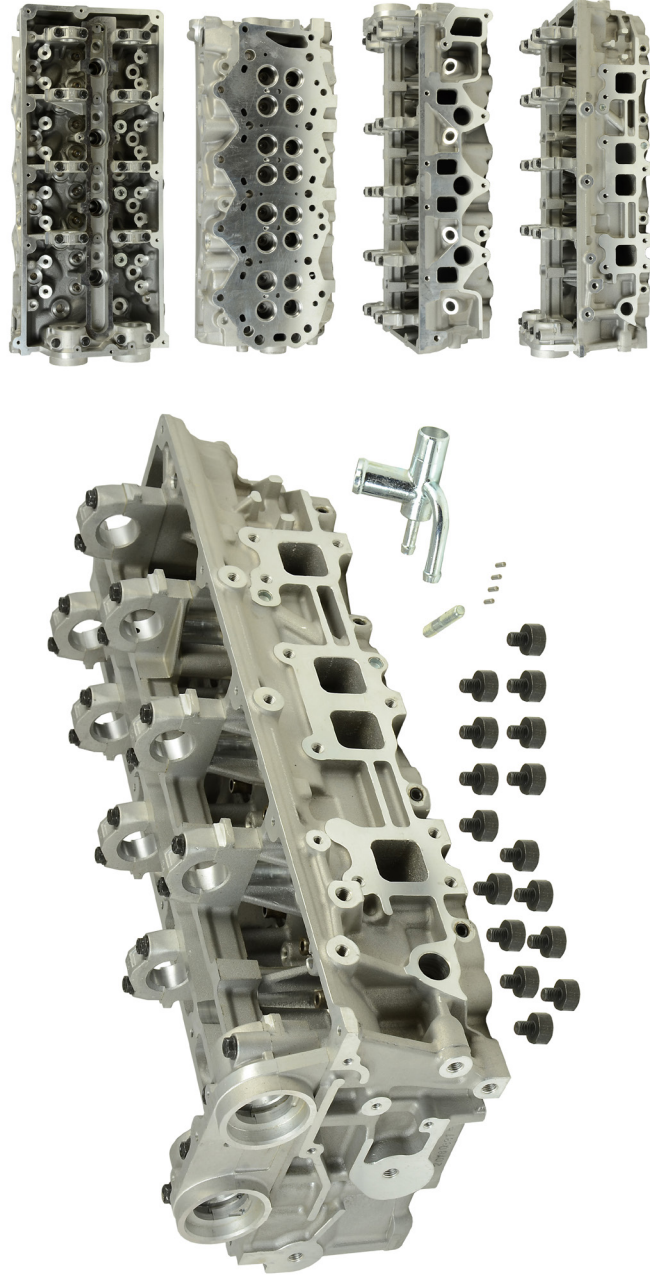
Total Valve Length: 112MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For Complete Cylinder Head See CCH009



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG2102, HG2134A(T)	R, W	Inlet Valve	IV95167	R
Head Set	HS2134NH	R	Exhaust Valve	EV95168	R
Head Bolts	B2102	R	Valve Stem Seal	VSK2102	*
Rocker Cover Gasket	RC2102S	R	Camshaft	C342, C343	R
Intake Manifold Gasket	IM2102	R	Rocker Arm/Follower	R167S	R
Exhaust Manifold Gasket	EM2102	R	Oil Seals	OS1804, OS2105	R, W



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908749

Ford 4986980

Mazda WE0110100J

Mazda WE0110100K

BCH010 Bare Cylinder Head

Product Information

For Vehicle Makes:

Opel/Vauxhall

For Engines:

Z17 DTH, Z17 DTJ, Z17 DTL, Z17 DTR

Parts Included:

Bare cylinder Head Only.

Technical Specifications

Inlet Valve Head Diameter: 27.5MM

Exhaust Valve Head Diameter: 25.5MM

Total Valve Length: 102.4MM, 102.6MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For CRD Engines



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1366B(T), HG2255B(T)	W, R	Inlet Valve	IV95186	R
Head Set	HS1366NH, HS1790NH	W, R	Exhaust Valve	EV95187	R
Head Bolts	B618, B2255	W, R	Valve Stem Seal	VSK1006	R
Rocker Cover Gasket	See Website Catalogue	W, R	Camshaft	C361, C362, C237, C238	W, R
Intake Manifold Gasket	IM1366, IM1790	W, R	Rocker Arm/Follower	BFS157S, BFS157	W, R
Exhaust Manifold Gasket	EM1366, EM1790	W, R	Oil Seals	OS895, OS347	W, R

W See website catalogue

R Not included, but required

*

Included with Product

NH

No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908555

Opel 607151

Vauxhall 55576874

Vauxhall 55588017

BCH011 Bare Cylinder Head

Product Information

For Vehicle Makes:

Fiat/Lancia/Opel/Suzuki/Vauxhall

For Engines:

188 A9.000, 199 A2.000, 199 A3.000, 223 A9.000, Y13 DT, Z13 DT, Z13 DTH, Z13 DTJ

Parts Included:

Valve Guides, Manifold Bolts

Technical Specifications

Inlet Valve Head Diameter: 21.9MM

Exhaust Valve Head Diameter: 21.9MM

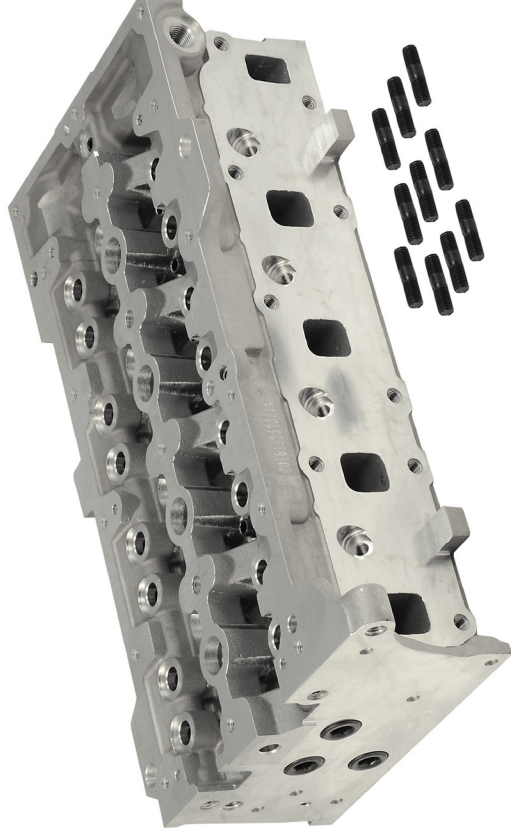
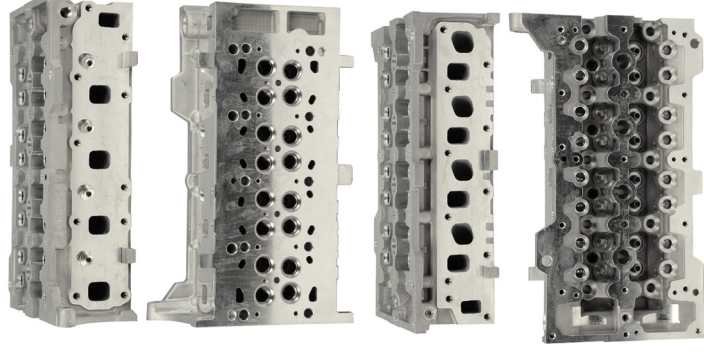
Total Valve Length: 109.2MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

Early Version, For Later Version See BCH067



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1618B(T)	R	Inlet Valve	IV8930	R
Head Set	HS1321NH, HS1618NH, HS1619NH	W, R	Exhaust Valve	EV8931	R
Head Bolts	B1321	R	Valve Stem Seal	VSK1006	R
Rocker Cover Gasket	RC1321S	R	Camshaft	C254, C255	R
Intake Manifold Gasket	IM1618	R	Rocker Arm/Follower	R171S, BFS148, BFS148S	W, R
Exhaust Manifold Gasket	EM1321	R	Glow Plugs	LP098	R



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908556

Fiat 71729497

Fiat 71739601

Opel 5607170

BCH012 Bare Cylinder Head

Product Information

For Vehicle Makes:
DACIA/NISSAN/RENAULT/SUZUKI

For Engines:
K9K 700, K9K 702, K9K 704, K9K 710, K9K 712, K9K 722, K9K 728, K9K 729, K9K 750, K9K 752, K9K 790

Parts Included:
Valve Guides, Manifold Studs

Technical Specifications

Inlet Valve Head Diameter: 33.5MM

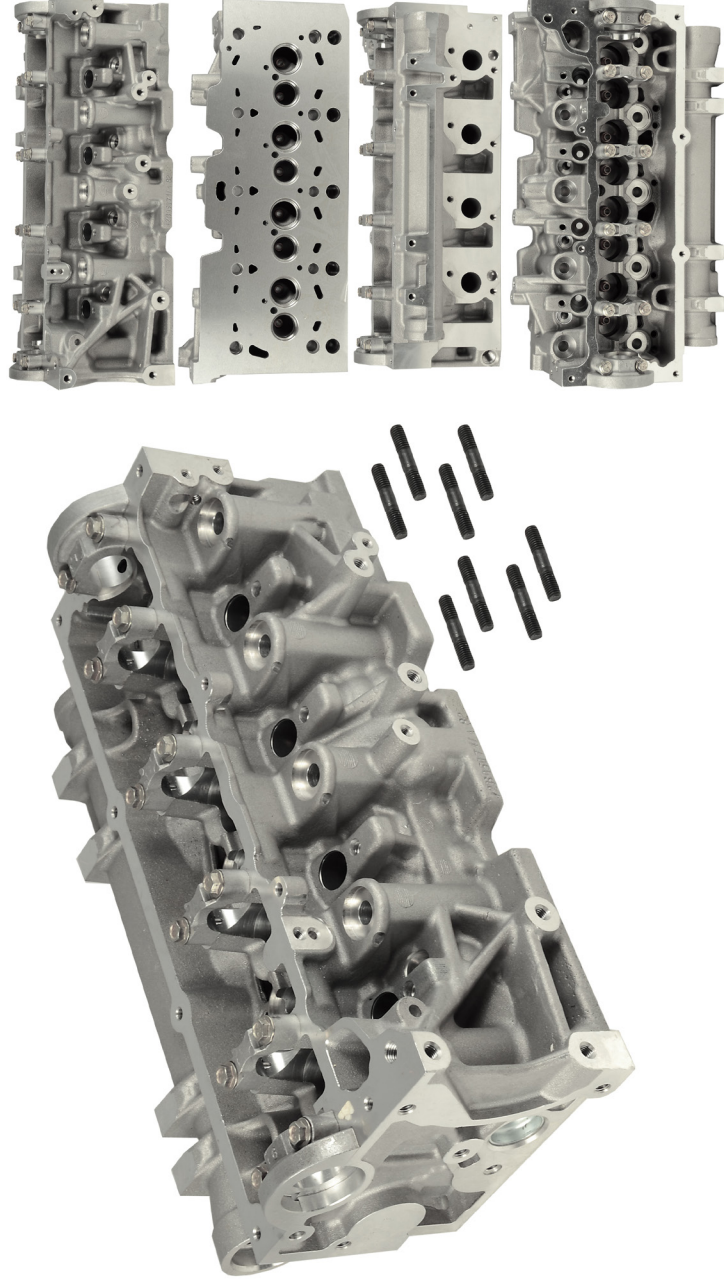
Exhaust Valve Head Diameter: 29MM

Total Valve Length: 100.9MM, 100.7MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:
See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1053, HG1432	W, R	Exhaust Valve	EV94609	R
Head Set	See Website Catalogue	W, R	Valve Stem Seal	VSK739	R
Head Bolts	B1139	R	Valve Guides	BFG024	*
Rocker Cover Gasket	RC1053S	R	Camshaft	C253, C355	W, R
Exhaust Manifold Gasket	EM1053	R	Rocker Arm/Follower	BFS183S, BFS207S	W, R
Inlet Valve	IV94608	R	Oil Seals	OS880	R

W See website catalogue
R Not included, but required

***** Included with Product
NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908521

Dacia 110417781R

Dacia 7701473181

Nissan 1104100QAM



BCH013 Bare Cylinder Head

Product Information

For Vehicle Makes:

Toyota/VW

For Engines:

2L-TII, 2L

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 42.5MM

Exhaust Valve Head Diameter: 36.1MM

Total Valve Length: 103.5MM, 103.3MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

Without groove for Camshaft Lubrication (fig.1, See BCH049 for version: With groove for Camshaft Lubrication)

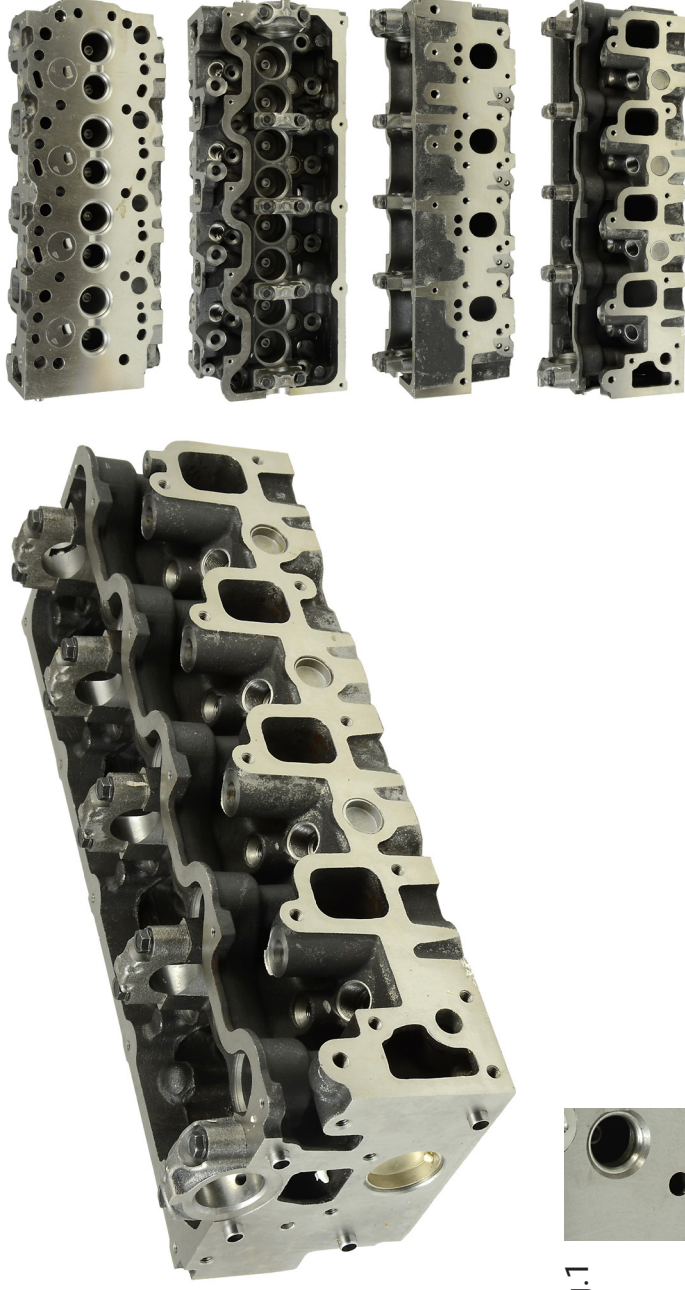


fig.1

Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG366, HG905	W, R	Inlet Valve	IV4291	R
Head Set	HS1246, HS366, HS905	W, R	Exhaust Valve	EV4292	R
Head Bolts	B1027	R	Valve Stem Seal	VSK366, VSK682	W, R
Rocker Cover Gasket	RC366S, RC905S	W, R	Camshaft	C322	R
Intake Manifold Gasket	IM905	R	Oil Seals	OS344, OS349	W, R
Exhaust Manifold Gasket	EM905, DP325	W, R	Glow Plugs	LP081	R

Cross References

Manufacturer Reference

AMC	909051
AMC	909052
AMC	909056
Toyota	1110154111



W See website catalogue

R Not included, but required

* Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

BCH014 Bare Cylinder Head

Product Information

For Vehicle Makes:
Ford/Mazda

For Engines:
WL, WL-T, WLE7

Parts Included:
Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 32.7MM

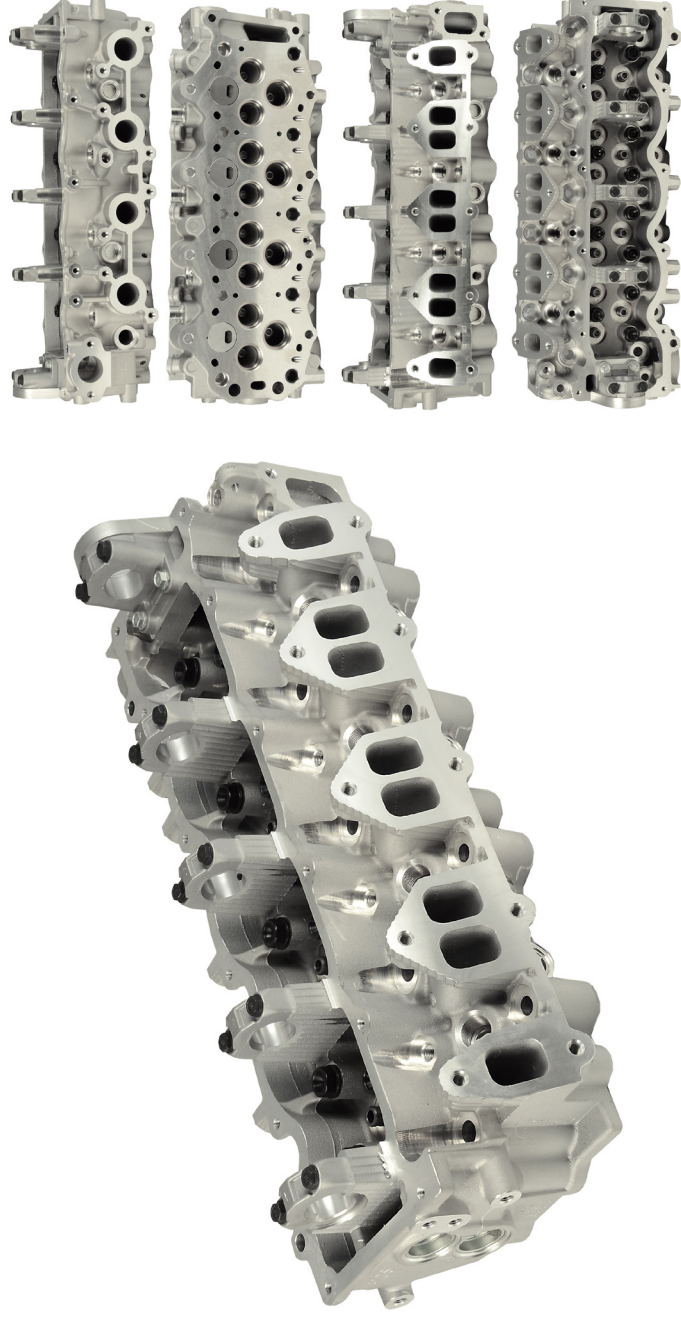
Exhaust Valve Head Diameter: 35.6MM

Total Valve Length: 111.8MM, 111.9MM

No. Valves Required: 12

No. Camshafts Required: 1

Important Notes:
For Complete Cylinder Head see CCH014



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1804	R	Inlet Valve	IV95104	R
Head Set	HS1804	R	Exhaust Valve	EV95105	R
Head Bolts	B1804	R	Valve Stem Seal	VSK1804	R
Rocker Cover Gasket	RC1804S	R	Camshaft	C321	R
Intake Manifold Gasket	IM1804	R	Rocker Arm/Follower	R166S, R208S, BFS319S	W, R
Exhaust Manifold Gasket	EM1804	R	Oil Seals	OS1804	R

W See website catalogue
R Not included, but required

***** Included with Product
NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer	Reference
AMC	908744
AMC	908745
AMC	908747
Ford	40443225

BCH016 Bare Cylinder Head

Product Information

For Vehicle Makes:

Fiat/Iveco

For Engines:

F1AE0481A, F1AE0481N, F1AE0481D, F1AE0481C

Parts Included:

Valve Guides.

Technical Specifications

Inlet Valve Head Diameter: 30MM

Exhaust Valve Head Diameter: 30MM

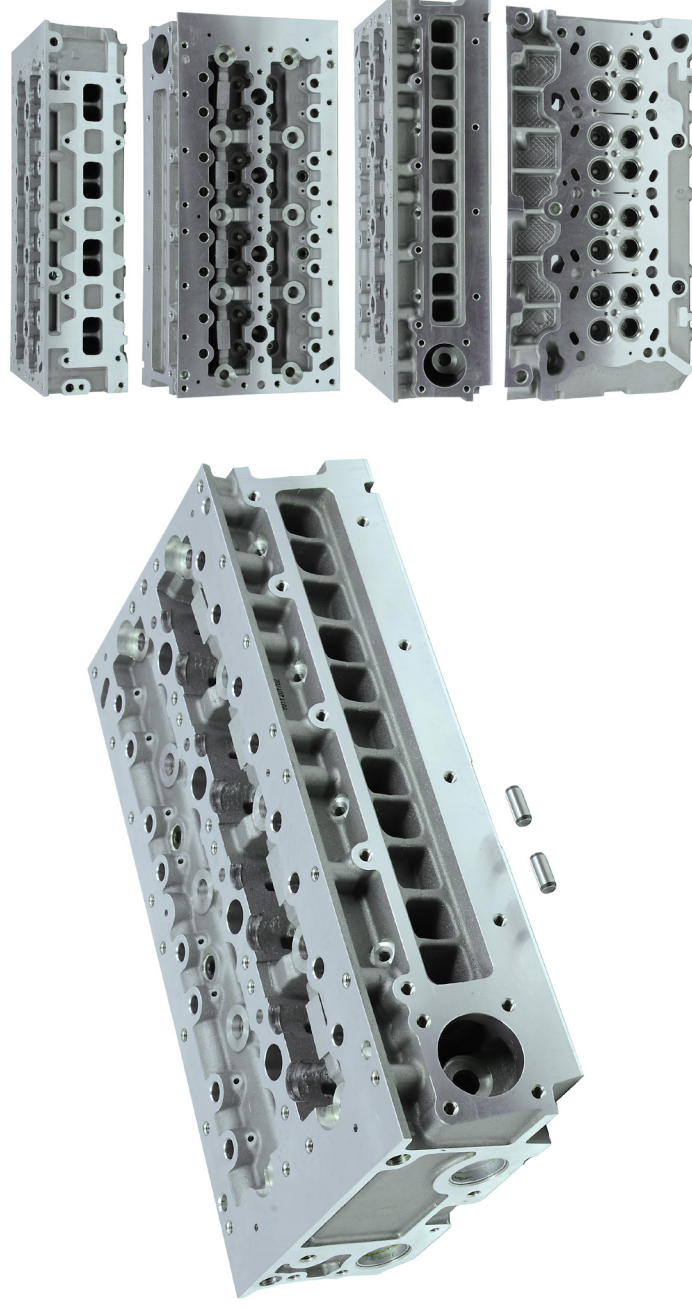
Total Valve Length: 120.4MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For Direct Injection Engines Only.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1625B(T)	R	Inlet Valve	IV95062	R
Head Set	HS1625NH	R	Exhaust Valve	EV95063	R
Head Bolts	B1625	R	Valve Stem Seal	VSK1626	R
Rocker Cover Gasket	RC1624S, RC1625S	W, R	Rocker Arm/Follower	See Website Catalogue	W, R
Intake Manifold Gasket	IM1625, IM1626	W, R	Oil Seals	OS1624	R
Exhaust Manifold Gasket	EM1625	R	Glow Plugs	LP093	R



W See website catalogue

R Not included, but required

*

Included with Product

NH

No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer

Reference

AMC 908545

Fiat 71752505

Fiat 71771718

Iveco 504049268

BCH017 Bare Cylinder Head

Product Information

For Vehicle Makes:

Fiat/Iveco

For Engines:

F1CE0441A, F1CE0481A, F1CFA401A

Parts Included:

Bare cylinder Head Only.

Technical Specifications

Inlet Valve Head Diameter: 32.4MM

Exhaust Valve Head Diameter: 32.4MM

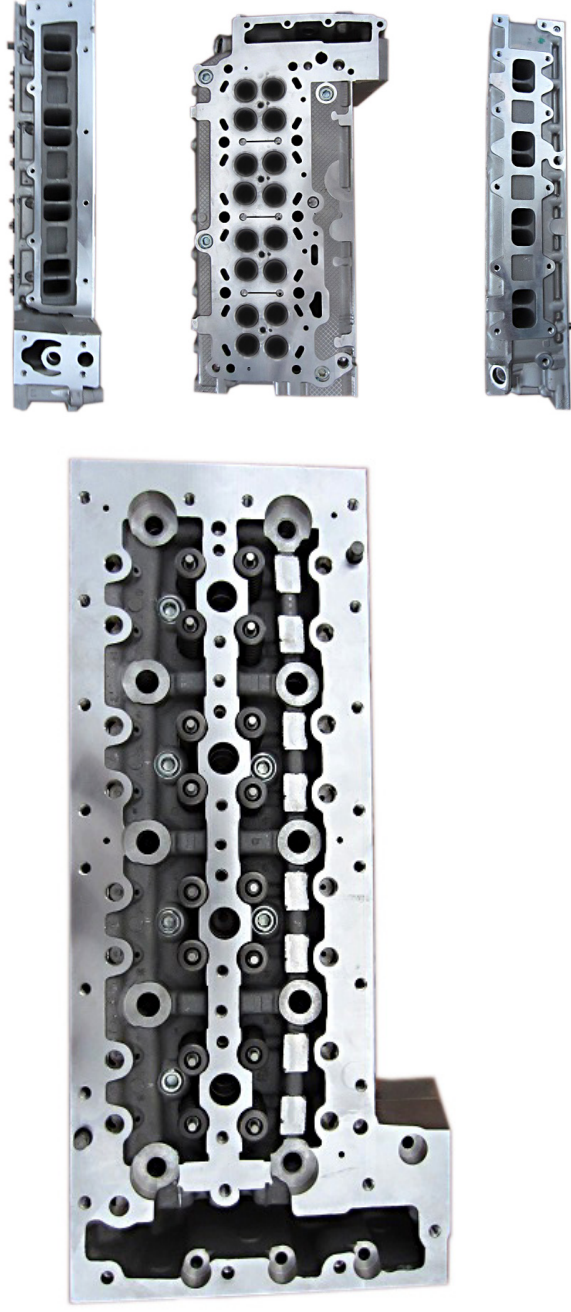
Total Valve Length: 119.95MM, 120.00MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For Direct Injection Engines Only.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1626B(T)	R	Inlet Valve	IV95064	R
Head Set	HS1626NH	R	Exhaust Valve	EV95065	R
Head Bolts	B1626	R	Valve Stem Seal	VSK1626	R
Rocker Cover Gasket	RC1626S	R	Valve Guides	BFG033	R
Intake Manifold Gasket	IM1626	R	Rocker Arm/Follower	BFS127, BFS127S	R, W
Exhaust Manifold Gasket	EM1626	R	Glow Plugs	LP093	R

W See website catalogue

*

Included with Product

T

Choice of Gasket Thickness

NH

No Head Gasket Included

Cross References

Manufacturer Reference

AMC 908546

Fiat 71724120

Fiat 71724123

Fiat 71792175



BCH018 Bare Cylinder Head

Product Information

For Vehicle Makes:

Ford

For Engines:

D2FA, D2FB, D2FE, D4FA, DOFA, F4FA, FXFA

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 31.30MM

Exhaust Valve Head Diameter: 27.80MM

Total Valve Length: 122.20MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For Non CRD Engines, Without Camshaft Sensor Hole (fig.1)

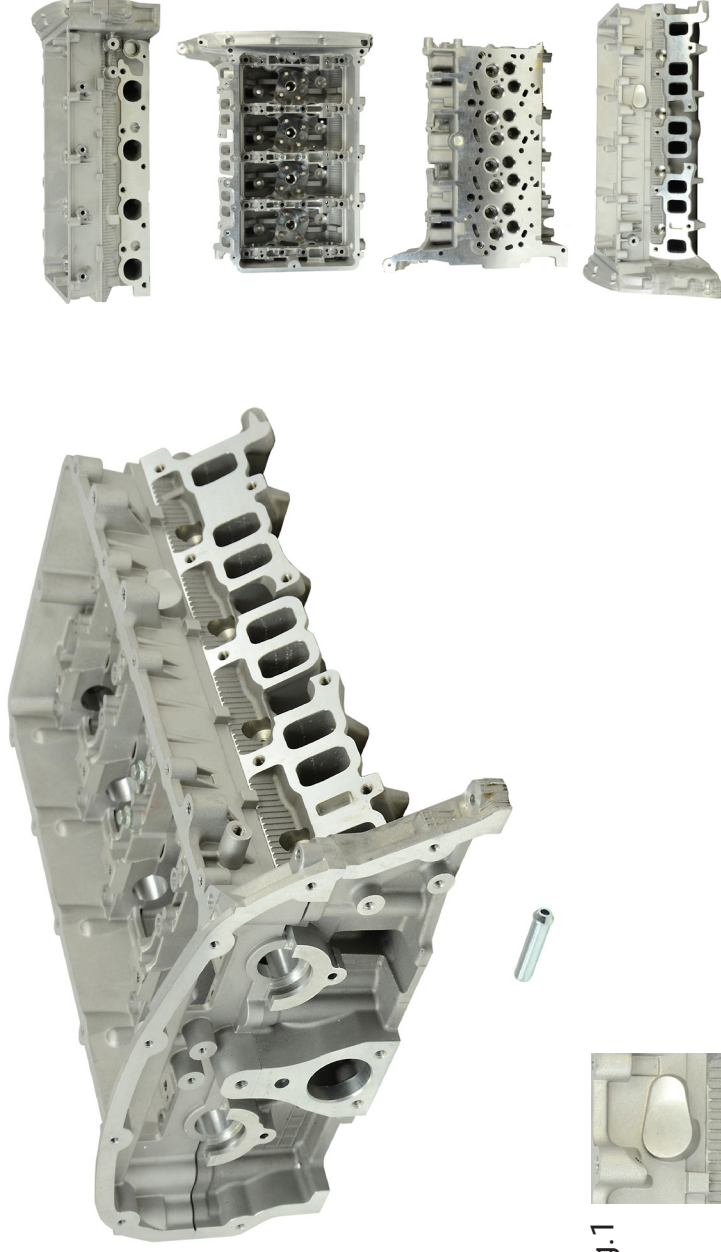


fig.1



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1010	R	Inlet Valve	IV94380	R
Head Set	See Website Catalogue	R, W	Exhaust Valve	EV94381	R
Head Bolts	B1008	R	Valve Stem Seal	VSK1002	R
Rocker Cover Gasket	RC1002S, RC1446S	R, W	Camshaft	C251, C252, C336, C337	R, W
Intake Manifold Gasket	IM1002	R	Rocker Arm/Follower	See Website Catalogue	R, W
Exhaust Manifold Gasket	EM1002, EM1005	R, W	Glow Plugs	LP074	R



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908766

Ford 1099947

Ford 1333272

Ford 1701911

BCH019 Bare Cylinder Head

Product Information

For Vehicle Makes:

Ford

For Engines:

H9FA

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 31.30MM

Exhaust Valve Head Diameter: 27.80MM

Total Valve Length: 122.20MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For CRD Engines, With Camshaft Sensor Hole (fig.1)

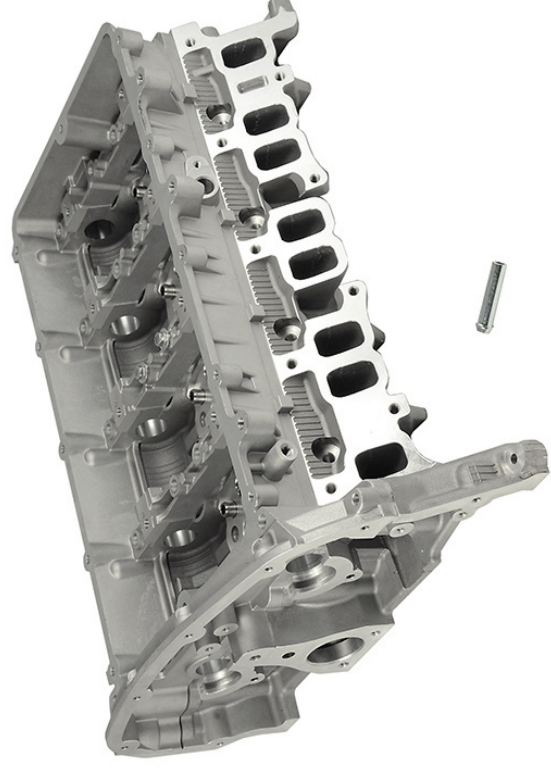
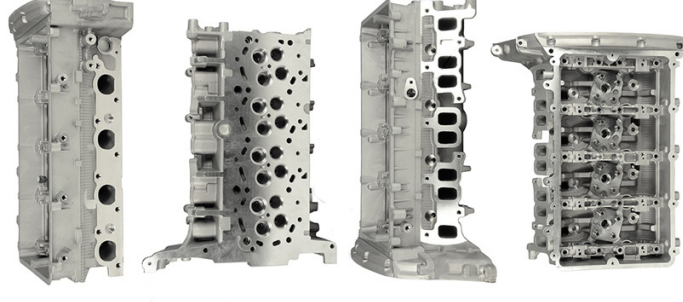


fig.1



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1010	R	Inlet Valve	IV94380	R
Head Set	HS1002NH	R	Exhaust Valve	EV94381	R
Head Bolts	B1008	R	Valve Stem Seal	VSK1002	R
Rocker Cover Gasket	RC1002S	R	Camshaft	C251, C252	R
Intake Manifold Gasket	IM1002	R	Rocker Arm/Follower	BFS164S, BFS165S	R, W
Exhaust Manifold Gasket	EM1002	R	Glow Plugs	LP074	R

W See website catalogue

Included with Product

T

Choice of Gasket Thickness

NH

No Head Gasket Included

R Not included, but required

Cross References

Manufacturer Reference

AMC 908767

Ford 1331233

Ford 1701871

BCH020 Bare Cylinder Head

Product Information

For Vehicle Makes:

Ford/Land Rover

For Engines:

H9FB, H9FD, JXFA, JXFC, PHFA, PHFC, ZSD-424

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 29.80MM

Exhaust Valve Head Diameter: 25.80MM

Total Valve Length: 122.20MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For CRD Engines, With Camshaft Sensor Hole (fig.1)

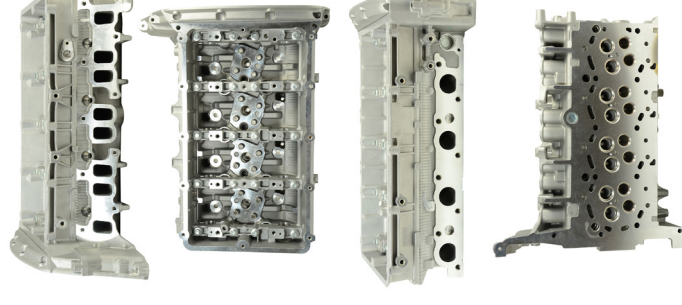
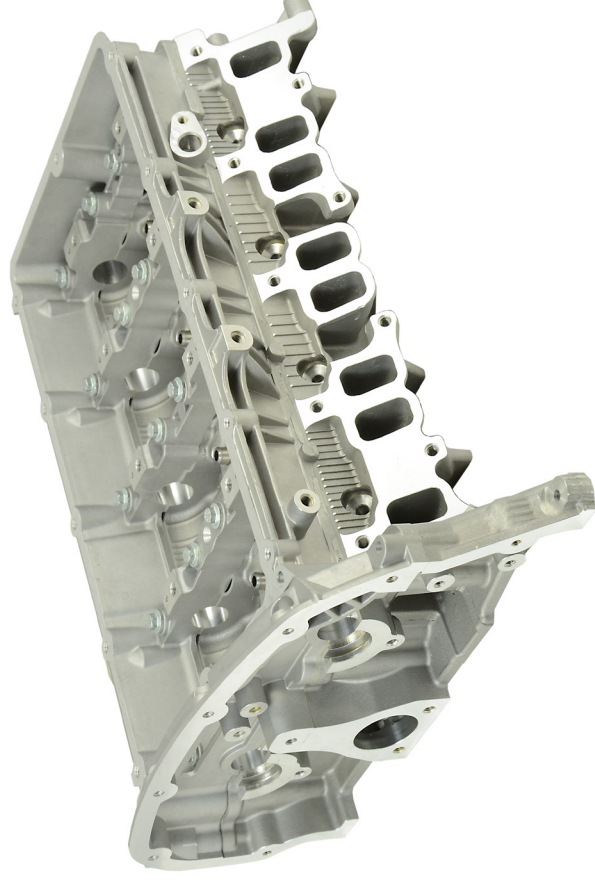


fig.1



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1010	R	Inlet Valve	IV181018	R
Head Set	HS1446NH	R	Exhaust Valve	EV181019	R
Head Bolts	B1008	R	Valve Stem Seal	VSK1002	R
Rocker Cover Gasket	RC1446S	R	Camshaft	C336, C337	R
Intake Manifold Gasket	IM1002	R	Rocker Arm/Follower	BFS320S, LR330	R
Exhaust Manifold Gasket	EM1002	R	Glow Plugs	LP074	R

Cross References

Manufacturer	Reference
AMC	908768
Ford	1433T48
Ford	1475887
Landrover	LR0185



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

BCH021 Bare Cylinder Head

Product Information

For Vehicle Makes:

Citroën/Peugeot/Ford

For Engines:

4HU (P22DTE), 4HV (P22DTE), P8FA, QVFA, QWFA, SRFA

Parts Included:

Bare Cylinder Head Only.

Technical Specifications

Inlet Valve Head Diameter: 29.80MM

Exhaust Valve Head Diameter: 25.80MM

Total Valve Length: 122.20MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For CRD Engines, With Camshaft Sensor Hole (fig.1)

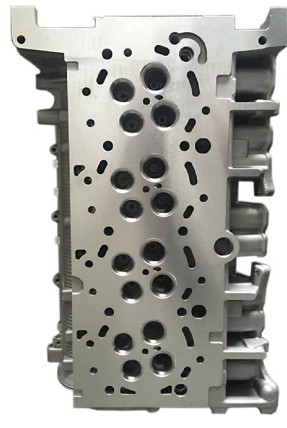
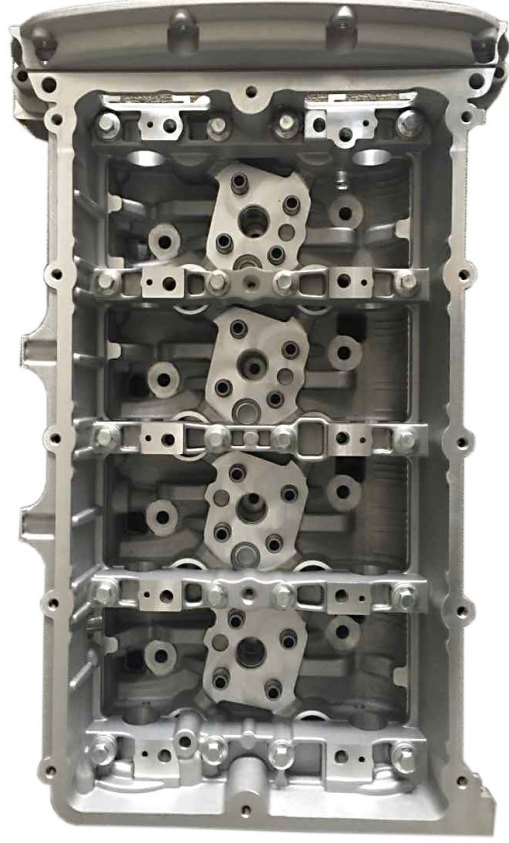


fig.1

Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1446B(T)	R, W	Inlet Valve	IV181018	R
Head Set	HS1446NH	R	Exhaust Valve	EV181019	R
Head Bolts	B1193, B1446	R, W	Valve Stem Seal	VSK1002	R
Rocker Cover Gasket	RC1446S	R	Camshaft	C340, C341	R, W
Intake Manifold Gasket	IM1002	R	Rocker Arm/Follower	BFS320S, LR330	R, W
Exhaust Manifold Gasket	EM1002	R	Glow Plugs	LP074	R

Cross References	Manufacturer	Reference
AMC		908867
Citroen/Peugeot		0200.GW
Fiat		71724181
Fiat		9662378080

W See website catalogue

R Not included, but required

* Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness



BCH022 Bare Cylinder Head

Product Information

For Vehicle Makes:

Hyundai/Kia

For Engines:

D4EA, D4EA-V, D4EB

Parts Included:

Valve Guides, Manifold Studs, Coolant Connecting Pipes

Technical Specifications

Inlet Valve Head Diameter: 28.50MM

Exhaust Valve Head Diameter: 24.40MM

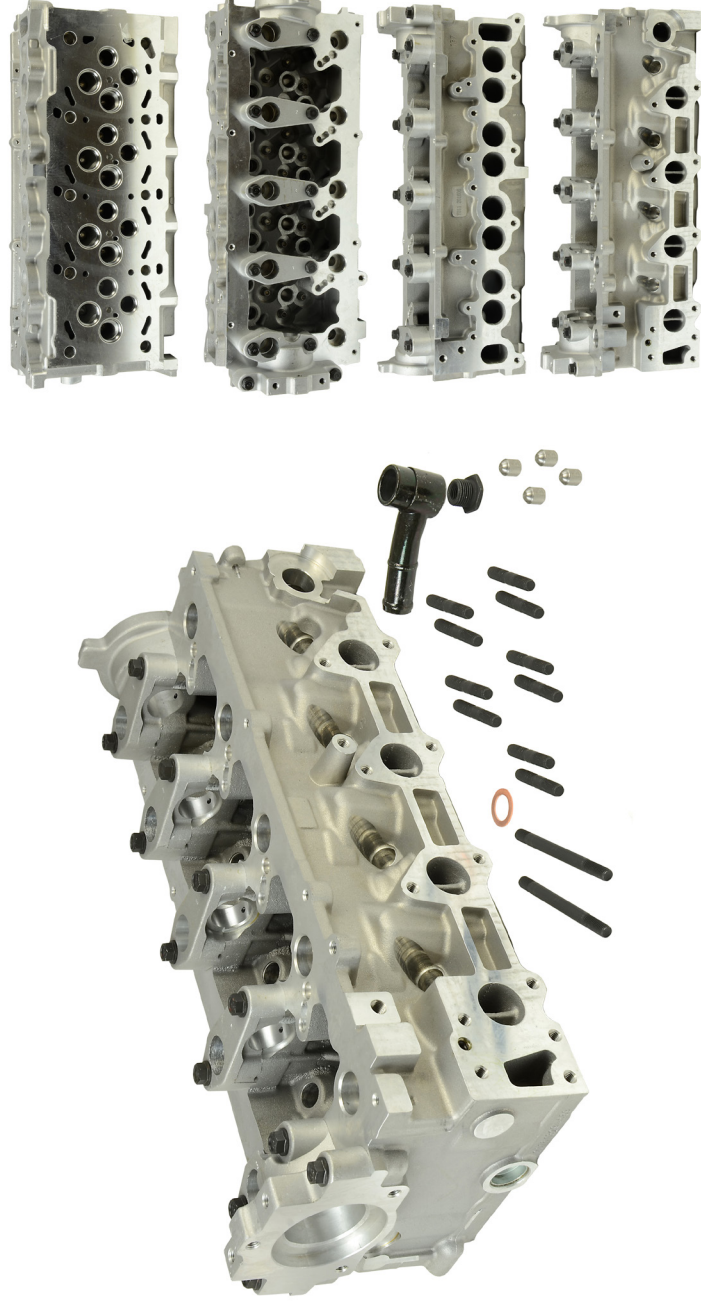
Total Valve Length: 95.70MM, 95.40MM

No. Valves Required: 16

No. Camshafts Required: 1

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG2129B(T), HG1522	R, W	Exhaust Valve	EV95017	R
Head Set	HS2129NH, HS1522	R, W	Valve Stem Seal	VSK1522, VSK2129	R, W
Head Bolts	B2129	R	Valve Guides	BFG007	*
Rocker Cover Gasket	RC1522S	R	Camshaft	C281, C346	R, W
Intake Manifold Gasket	IM1522, IM2129	R, W	Rocker Arm/Follower	See Website Catalogue	R, W
Exhaust Manifold Gasket	EM1522, EM2129	R, W	Oil Seals	OS1517, OS2129	R, W
Inlet Valve	IV95016	R	Glow Plugs	LP086	R



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC	908773
Hyundai/Kia	2210027750
Hyundai/Kia	2210027800
Hyundai/Kia	2210027400

BCH025 Bare Cylinder Head

Product Information

For Vehicle Makes:

Audi/Chrysler/Dodge/Jeep/Mitsubishi/Seat/Skoda/VW

For Engines:

AZV, BKD, BKP, BLB, BMA, BMN, BMR, BNA, BRD, BRE, BRF, BSY, BUY, BVE, BVF, BVG, BWC, BWV, ECD

Parts Included:

Valve Guides, Manifold Studs

Technical Specifications

Inlet Valve Head Diameter: See Website Catalogue

Exhaust Valve Head Diameter: See Website Catalogue

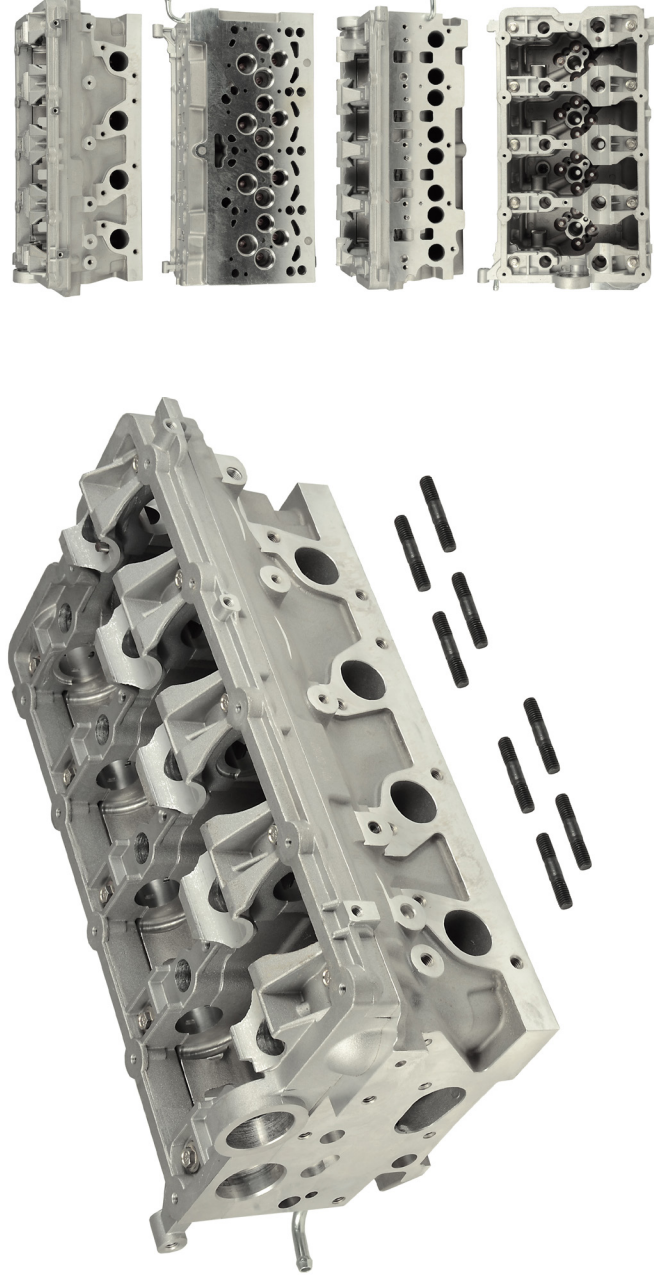
Total Valve Length: See Website Catalogue

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

Different Valves Depending On Transmission Type



Associated Parts in FAI Range

Product	Part Number	Notes
Head Gasket	HG1360B(T), HG1748B(T)	R, W
Head Set	HS1360NH, HS1748NH	R, W
Head Bolts	B1360, B1662	R, W
Rocker Cover Gasket	RC1360S	R
Intake Manifold Gasket	See Website Catalogue	R, W
Exhaust Manifold Gasket	EM1360, EM1498	R, W
Inlet Valve	IV95026, IV95028	R, W

W See website catalogue

Included with Product

T

Choice of Gasket Thickness

R Not included, but required

NH

No Head Gasket Included

Product	Part Number	Notes
Exhaust Valve	EV95027, EV95029	R, W
Valve Stem Seal	VSK1196	R
Valve Guides	BFG011	*
Camshaft	C334, C335, C339	R, W
Rocker Arm/Follower	See Website Catalogue	R, W
Oil Seals	OS1320	R
Glow Plugs	LP088, LP135	R, W

Cross References

Manufacturer Reference

AMC	908718
Chrysler/Jeep	68001295A
Volkswagen	03G103351B
Volkswagen	03G103351E

BCH026 Bare Cylinder Head

Product Information

For Vehicle Makes:

Citroën/Fiat/Ford/Mazda/Mini/Peugeot/Suzuki/Volvo

For Engines:

9HN, 9HS, 9HT, 9HU, 9HV, 9HW, 9HX, 9HY, 9HZ, DV6, D 4164 T, G8DA, G8DB, G8DD, G8DE, G8DF, GPDA, GPDB, GPDC, HHDA, HHDB, Y601, Y642

Parts Included:

Valve Guides

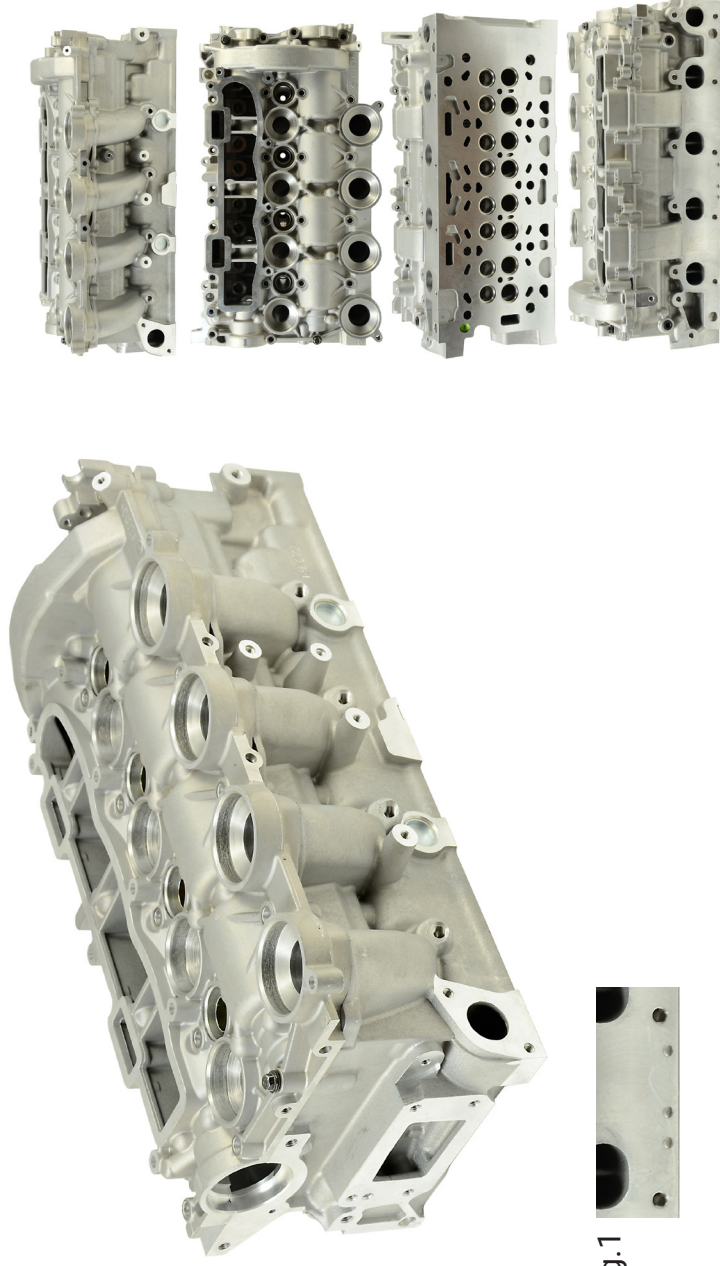


fig.1



Important Notes:

With 3 Identification Holes (fig.1)

Technical Specifications

Inlet Valve Head Diameter: 25.60MM

Exhaust Valve Head Diameter: 23.40MM

Total Valve Length: 96.40MM/96.60MM

No. Valves Required: 16

No. Camshafts Required: 2

Associated Parts in FAI Range

Product	Part Number	Notes
Head Gasket	HG1164D(T)	R
Head Set	HS1164NH, HS1165NH	R, W
Head Bolts	B1157	R
Rocker Cover Gasket	RC1164S	R
Intake Manifold Gasket	IM1164, IM1165	R, W
Exhaust Manifold Gasket	EM1157	R
Inlet Valve	IV95128	R



W See website catalogue

R Not included, but required

Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Product	Part Number	Notes
Exhaust Valve	EV95129	R
Valve Stem Seal	VSK1165	R
Valve Guides	BFG008	*
Camshaft	C266, C267	R
Rocker Arm/Follower	R174S, BFS148, BFS148S	R, W
Oil Seals	OS1157	R
Glow Plugs	LP080, LP110	R, W

Cross References

Manufacturer	Reference
AMC	908596
Citroen	0200.EH
Ford	1229884
Ford	1477183

BCH027 Bare Cylinder Head

Product Information

For Vehicle Makes:

VW

For Engines:

AXD, AXE, BAC, BLJ, BNZ, BPC, BPE

Parts Included:

Valve Guides, Coolant Connector Pipe

Technical Specifications

Inlet Valve Head Diameter: 35.90MM

Exhaust Valve Head Diameter: 31.50MM

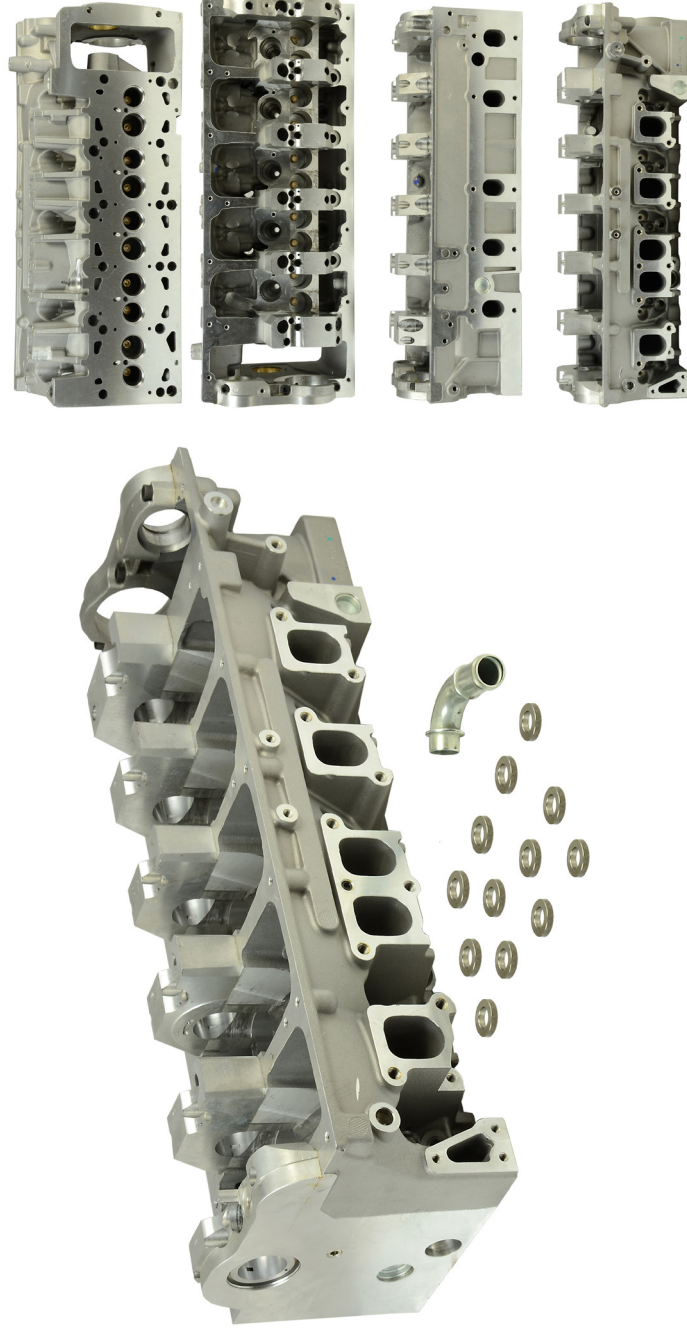
Total Valve Length: 89.90MM/89.55MM

No. Valves Required: 10

No. Camshafts Required: 1

Important Notes:

For Direct Injection Engines Only.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1413B(T)	R	Exhaust Valve	EV331034	R
Head Set	HS1413NH, HS1495NH	R, W	Valve Stem Seal	VSK1413	R
Head Bolts	B1413	R	Valve Guides	BFG045, BFG051	*, W
Intake Manifold Gasket	IM1413, IM1495K	R, W	Camshaft	C280, C316	R, W
Exhaust Manifold Gasket	EM1413	R	Rocker Arm/Follower	See Website Catalogue	R, W
Inlet Valve	IV331033	R	Glow Plugs	LP096, LP156	R, W

W See website catalogue

R Not included, but required

***** Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC	908712
Volkswagen	070103063D
Volkswagen	070103063K
Volkswagen	070103063Q



BCH028 Bare Cylinder Head

Product Information

For Vehicle Makes:

Audi/Ford/Seat/Skoda/VW

For Engines:

AHU, AJM, ANU, ARL, ASZ, ATD, ATJ, AUY, AVB, AVF, AVQ, AWX, AXB, AXC, AXR, BDJ, BDK, BEW, BGW, BHW, BJB, BKC, BKE, BLS, BLT, BMM, BMP...Please see application guide for a full listing.

Parts Included:

Coolant Pipe Connector, Valve Guides, Injector Washers

Technical Specifications

Inlet Valve Head Diameter: 35.90MM

Exhaust Valve Head Diameter: 31.50MM

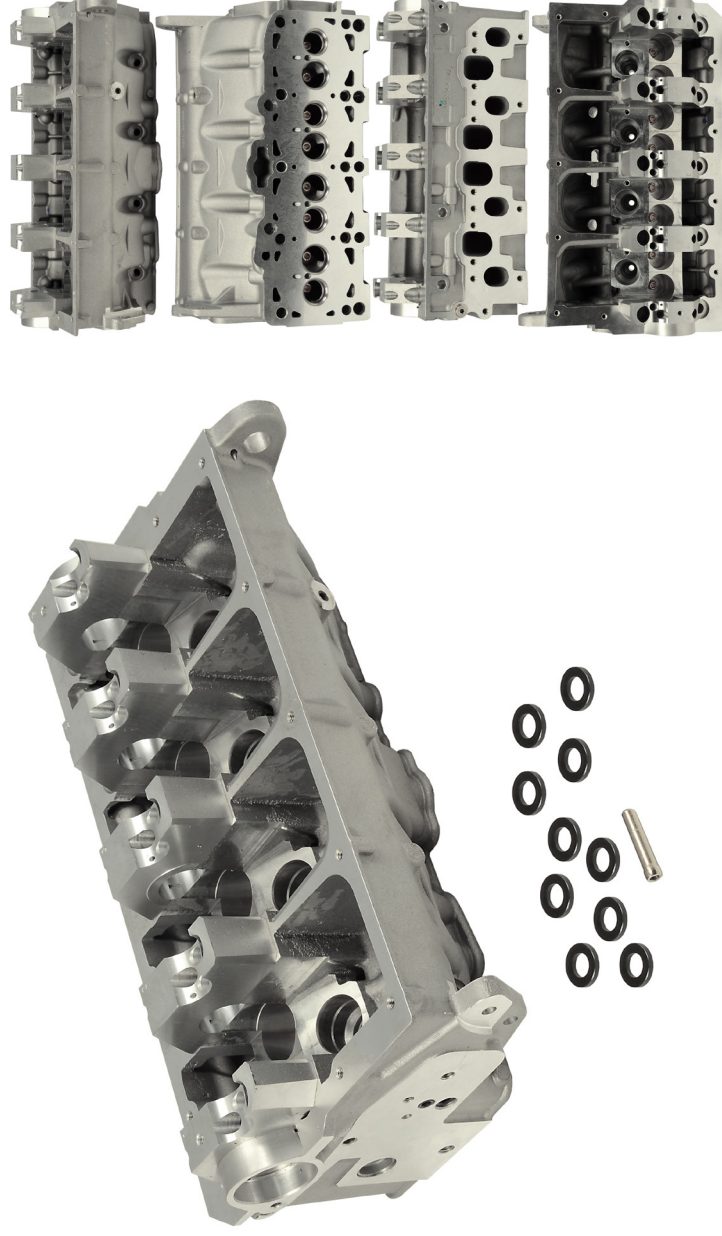
Total Valve Length: 89.90MM, 89.55MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

For Vehicles with Hydraulic Followers/Lifters, Alternative Version BCH050



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1012B(T)	R	Exhaust Valve	EV331034	R
Head Set	HS1316NH, HS1316NHX	R, W	Valve Stem Seal	VSK238	R
Head Bolts	B068, B1056	R, W	Valve Guides	BFG045, BFG051	R, W, *
Rocker Cover Gasket	RC1316S	R	Camshaft/Kit	CSK248C, C248, C248C	R, W
Intake Manifold Gasket	IM534	R	Camshaft Bearings	EB5009LCSTD	R
Exhaust Manifold Gasket	EM1009	R	Rocker Arm/Follower	BFS101, BFS318S	R, W
Inlet Valve	IV331033	R	Oil Seals	OS1320	R



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References	Manufacturer	Reference
AMC		908716
Ford		1118995
VAG		038103351D
VAG		03G103351C

BCH029 Bare Cylinder Head

Product Information

For Vehicle Makes:

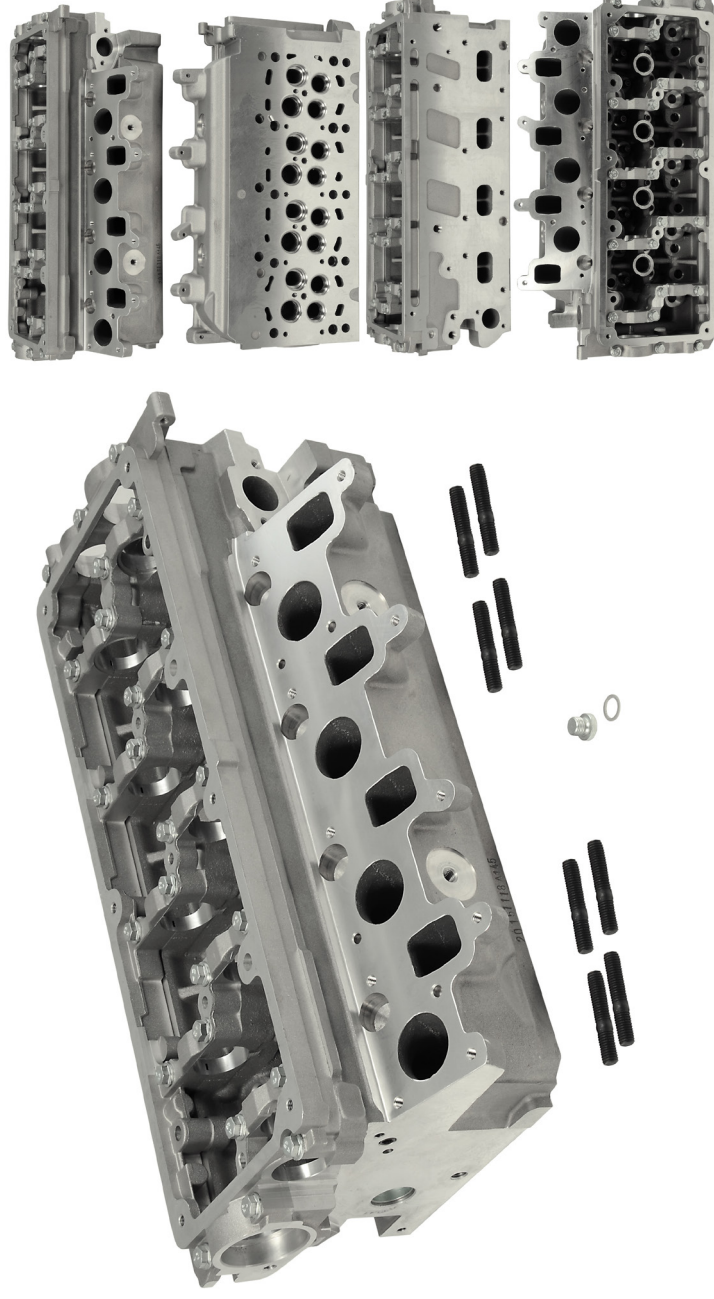
Audi/Seat/Skoda/VW

For Engines:

CFFA, CFFB, CFFD, CFFE, CFGB, CFHA, CFHB, CFHC, CFHD, CFHF, CFJA, CGLB, CGLC, CGLD, CJCA, CJCB, CJCC, CLCA, CLCB, CLJA, CLLA, CLLB, CMFA, CMGA, CMGB, CNEA, CNFA, CSHA

Parts Included:

Valve Guides, Manifold Studs



Technical Specifications

Inlet Valve Head Diameter: 28.10MM

Exhaust Valve Head Diameter: 26.00MM

Total Valve Length: 99.30MM/99.10MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

See Web Catalogue For The Latest Information.

Associated Parts in FAI Range

Product	Part Number	Notes
Head Gasket	HG1943B(T), HG1744B(T)	R, W
Head Set	HS1943NH, HS1744NH	R, W
Head Bolts	B1360, B1662	R, W
Rocker Cover Gasket	RC1745S	R
Intake Manifold Gasket	IM1745, IM1943	R, W
Exhaust Manifold Gasket	EM1745, EM1943	R, W
Inlet Valve	IV95030	R

W See website catalogue

R Not included, but required

***** Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Product	Part Number	Notes
Exhaust Valve	EV95031	R
Valve Stem Seal	VSK1196	R
Camshaft	C347, C348	R
Camshaft Bearings	EB5009LCSTD	R
Rocker Arm/Follower	R190S, BFS174S	R
Oil Seals	OS1663	R

Cross References

Manufacturer Reference

AMC	908725
VAG	03L103063M
VAG	03L103351F
VAG	03L103351H



BCH030 Bare Cylinder Head

Product Information

For Vehicle Makes:

VW

For Engines:

CDBA, CDCA, CKTB, CKTC, CKUB, CKUC

Parts Included:

Valve Guides, Manifold Studs

Technical Specifications

Inlet Valve Head Diameter: 28.10MM

Exhaust Valve Head Diameter: 26.00MM

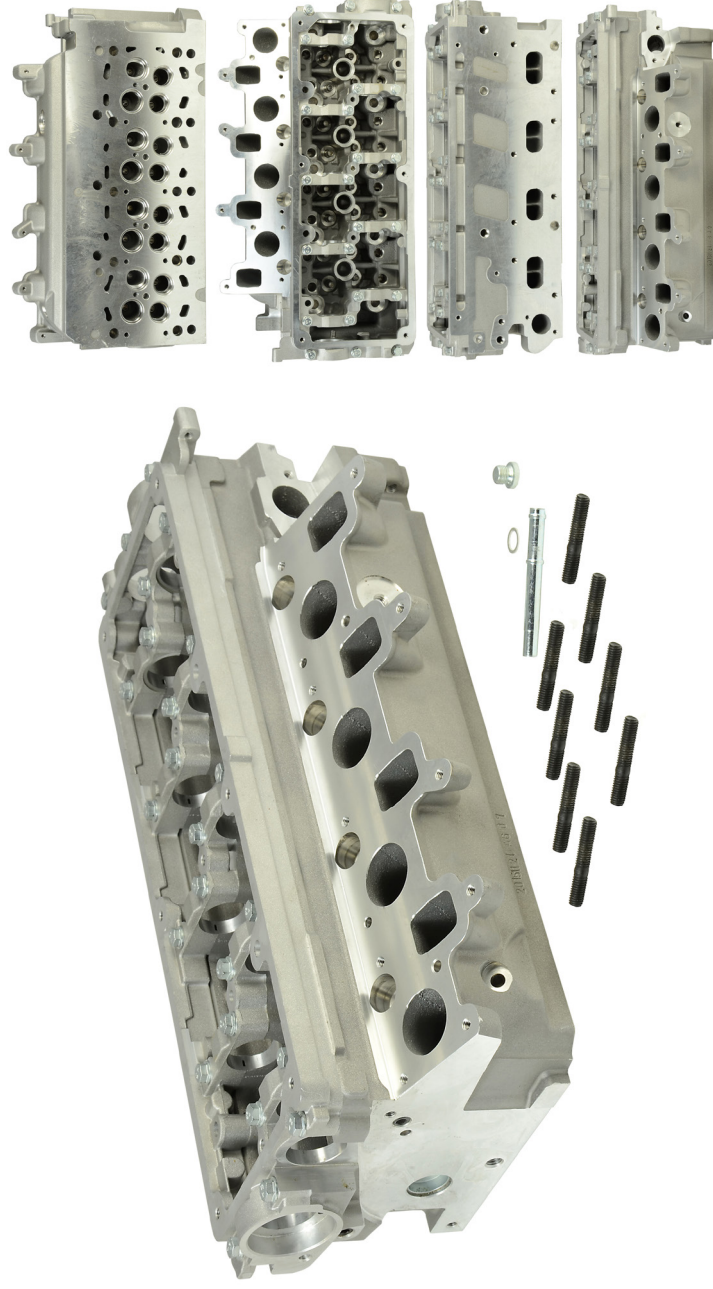
Total Valve Length: 99.30MM/99.10MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1744B(T), HG1943B(T)	R, W	Inlet Valve	IV95030	R
Head Set	HS1943NH	R	Exhaust Valve	EV95031	R
Head Bolts	B1662	R	Valve Stem Seal	VSK1196	R
Rocker Cover Gasket	RC1745S	R	Camshaft	C347, C348	R
Intake Manifold Gasket	IM1943	R	Rocker Arm/Follower	R190S, BFS174S	R
Exhaust Manifold Gasket	EM1943	R	Oil Seals	OS1663	R

Cross References

Manufacturer Reference

AMC	908726
Volkswagen	03L103351C
Volkswagen	03L103351G
Volkswagen	03L103351N



W See website catalogue

R Not included, but required

***** Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

BCH031 Bare Cylinder Head

Product Information

For Vehicle Makes:

VW

For Engines:

CFCA

Parts Included:

Valve Guides, Manifold Studs, Coolant Connector Pipe.

Technical Specifications

Inlet Valve Head Diameter: 28.10MM

Exhaust Valve Head Diameter: 26.00MM

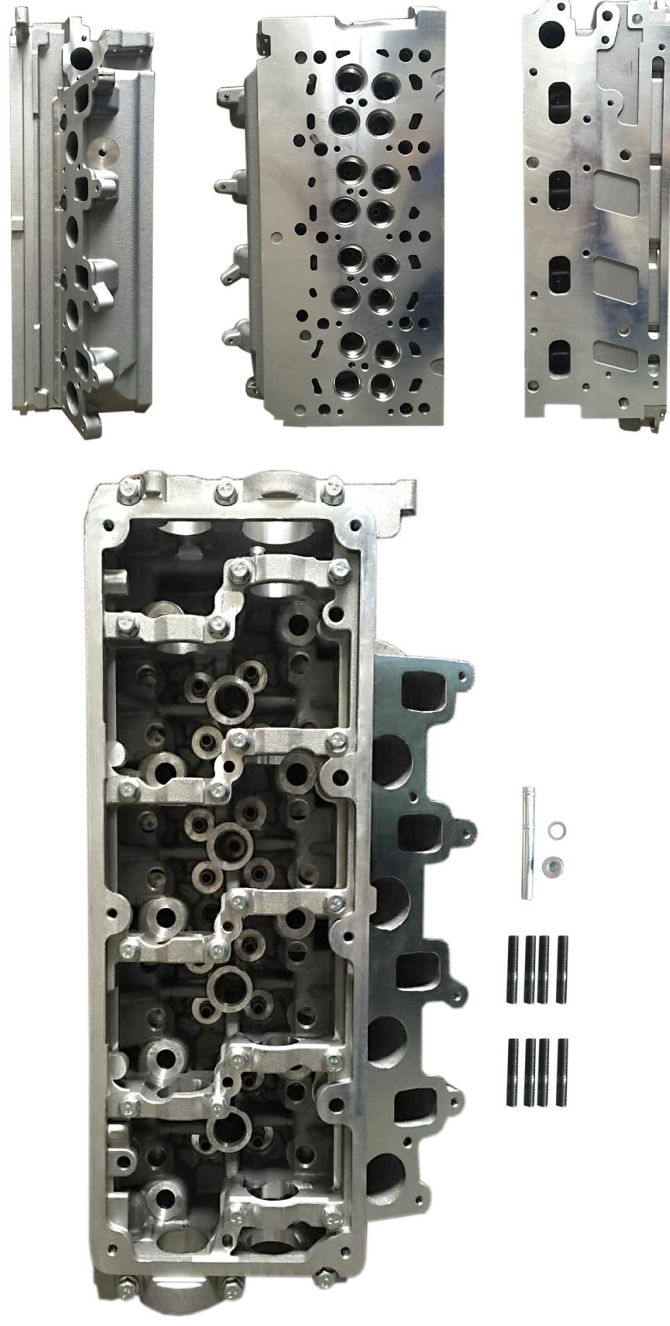
Total Valve Length: 99.30MM/99.10MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1943B(T)	R	Inlet Valve	IV95030	R
Head Set	HS1944NH	R	Exhaust Valve	EV95031	R
Head Bolts	B1662	R	Valve Stem Seal	VSK1196	R
Rocker Cover Gasket	RC1745S	R	Camshaft	C347, C348	R, W
Intake Manifold Gasket	IM1745	R	Rocker Arm/Follower	R190S, BFS174S	R, W
Exhaust Manifold Gasket	EM1944	R	Oil Seals	OS1663	R

W See website catalogue

Included with Product

T

Choice of Gasket Thickness

NH

No Head Gasket Included

R Not included, but required

Cross References

Manufacturer Reference

AMC 908727

Volkswagen 03L103351D

Volkswagen 03L103351L



BCH032 Bare Cylinder Head

Product Information

For Vehicle Makes:

Audi/Seat/Skoda/VW

For Engines:

CAYA, CAYB, CAYC, CAYD, CAYE, CLNA

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 26.60MM

Exhaust Valve Head Diameter: 24.50MM

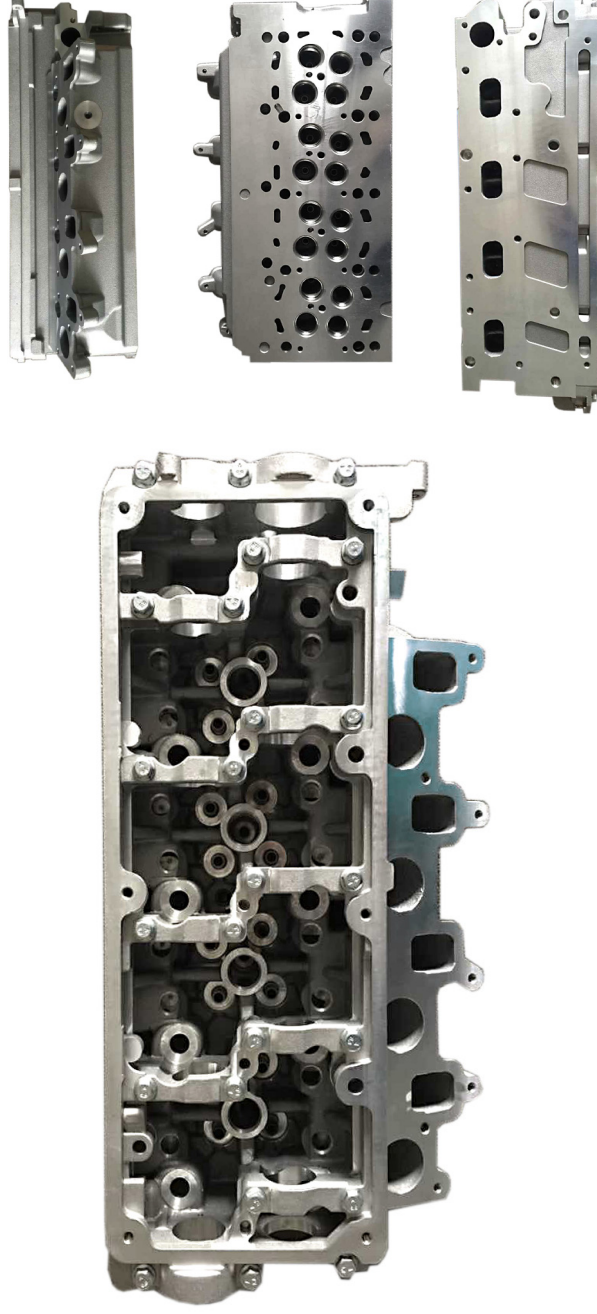
Total Valve Length: 99.30MM/99.10MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1662B(T), HG1718B(T)	R, W	Inlet Valve	IV95175	R
Head Set	See Website Catalogue	R, W	Exhaust Valve	EV95176	R
Head Bolts	B1662, B1718	R, W	Valve Stem Seal	VSK1196, VSK1662	R, W
Rocker Cover Gasket	See Website Catalogue	R, W	Camshaft	C347, C348	R
Intake Manifold Gasket	See Website Catalogue	R, W	Rocker Arm/Follower	R190S, BFS174S	R
Exhaust Manifold Gasket	EM1662, EM1718	R, W	Oil Seals	OS1663	R



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908701

VAG 03L103351B

BCH033 Bare Cylinder Head

Product Information

For Vehicle Makes:

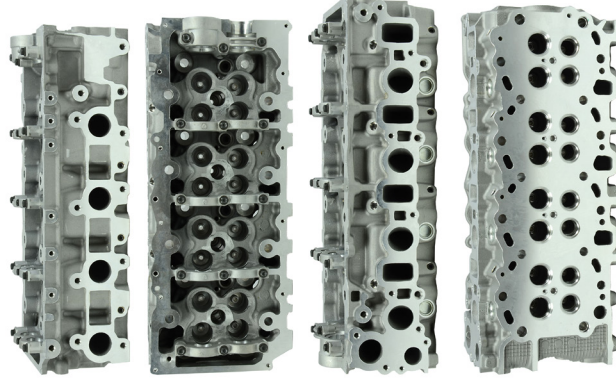
Toyota

For Engines:

1KD-FTV

Parts Included:

Valve Guides



Technical Specifications

Inlet Valve Head Diameter: 32.20MM

Exhaust Valve Head Diameter: 27.70MM

Total Valve Length: 105.40MM/105.40MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

See Web Catalogue For The Latest Information.

Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG2132C(T)	R	Inlet Valve	IV95152	R
Head Set	HS2124NH	R	Exhaust Valve	EV95153	R
Head Bolts	B2124	R	Valve Stem Seal	VSK2124	R
Rocker Cover Gasket	RC2124S	R	Oil Seals	OS349	R
Intake Manifold Gasket	IM2124	R	Glow Plugs	LP068	R
Exhaust Manifold Gasket	EM2124	R			

W See website catalogue

R Not included, but required

***** Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908783

Toyota 1110130050

Toyota 1110130080

BCH035 Bare Cylinder Head

Product Information

For Vehicle Makes:

Ford

For Engines:

GBVAJQW, GBVAJQJ, CYRA, CYRB, CYRC, CVRA, CVRB, CVRC, DRRR, DRRB, DRRC, USRA, USRB, ID4

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 29.80MM

Exhaust Valve Head Diameter: 25.80MM

Total Valve Length: 122.20MM/122.20MM

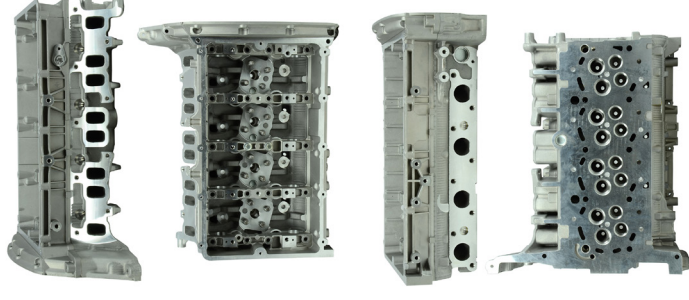
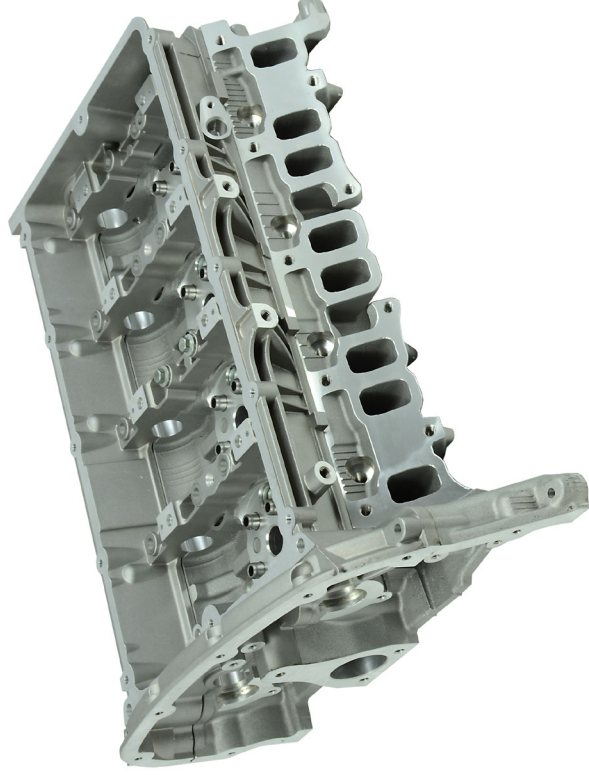
No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

With Camshaft Sensor hole (fig.1)

fig.1



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1653B(T), HG1652B(T)	R, W	Inlet Valve	IV181018	R
Head Set	HS1468NH	R	Exhaust Valve	EV181019	R
Head Bolts	B1446	R	Valve Stem Seal	VSK1002	R
Rocker Cover Gasket	RC1452S	R	Glow Plugs	LP161	R
Intake Manifold Gasket	IM1002	R			
Exhaust Manifold Gasket	EM1002	R			

Cross References	
Manufacturer	Reference
Ford	1740110
Ford	1897087
Ford	BK3Q-6049-AC
Ford	BK3Q-6090-AC



W See website catalogue

R Not included, but required

* Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

BCH036 Bare Cylinder Head

Product Information

For Vehicle Makes:
Subaru/Suzuki

For Engines:
G13BB, G13B, G16B

Parts Included:
Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 29.20MM

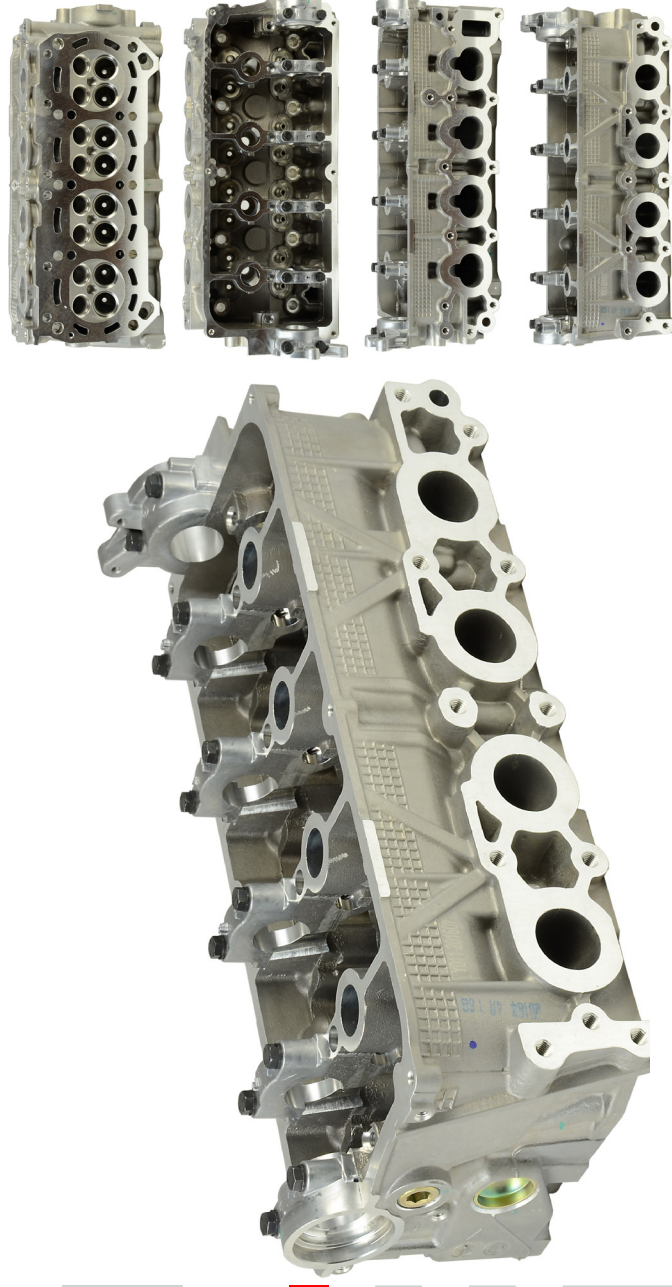
Exhaust Valve Head Diameter: 25.00MM

Total Valve Length: 92.20MM/79.80MM

No. Valves Required: 16

No. Camshafts Required: 1

Important Notes:
See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1208	R	Exhaust Valve	EV711002	R
Head Set	HS1208	R	Valve Stem Seal	VSK951	R
Rocker Cover Gasket	RC1208S, RC1208SK	R, W	Oil Seals	OS336	R
Intake Manifold Gasket	IM1208	R			
Exhaust Manifold Gasket	EM1208	R			
Inlet Valve	IV711001	R			

W See website catalogue
R Not included, but required

***** Included with Product
NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer	Reference
Suzuki	11100-52G01
Suzuki	11100-57B02
Suzuki	11100-71C01
Suzuki	11100-71C01



BCH037 Bare Cylinder Head

Product Information

For Vehicle Makes:

Nissan

For Engines:

YD25DDTI

Parts Included:

Manifold Studs, Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 28.00MM

Exhaust Valve Head Diameter: 26.00MM

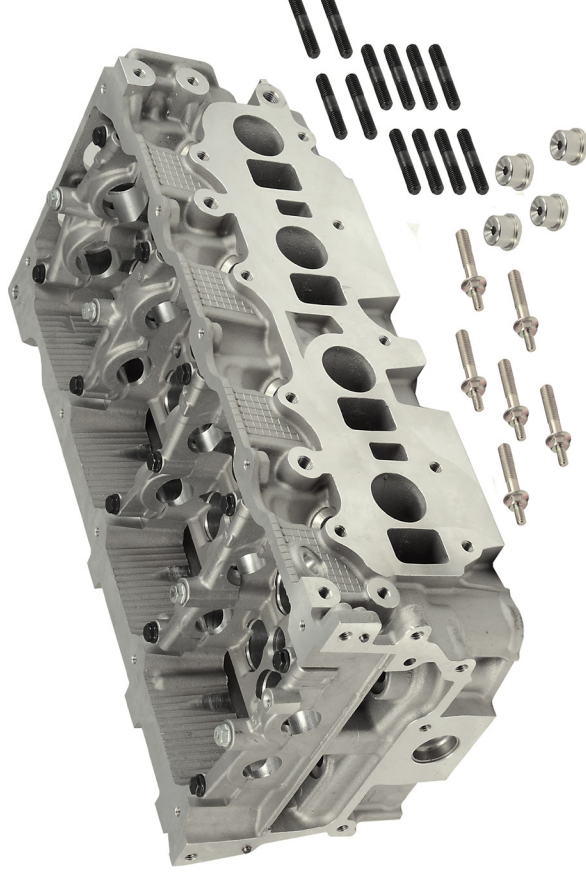
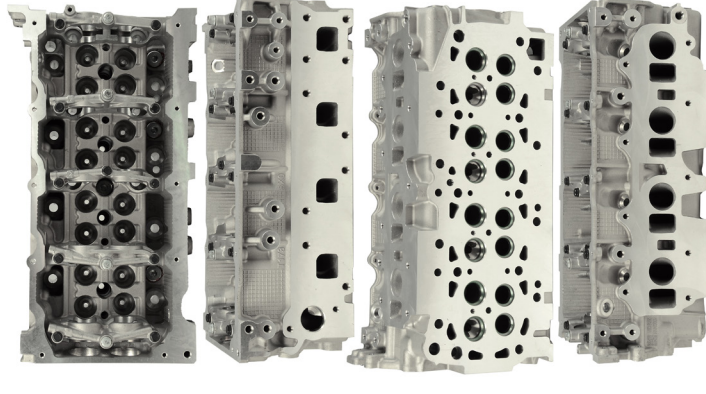
Total Valve Length: 106.35MM/106.75MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

Only For Production Year 01/2010 Onwards



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1827E(T), HG2239E(T)	R, W	Inlet Valve	IV94710	R,
Head Set	See Website Catalogue	R, W	Exhaust Valve	EV94711	R,
Head Bolts	B1297, B2105, B2239	R, W	Valve Stem Seal	VSK1297	R,
Rocker Cover Gasket	See Website Catalogue	R, W	Valve Guides	BFG015, BFG016	*, W
Intake Manifold Gasket	IM1297, IM2239	R, W	Camshaft	C290, C291, C294, C295	R, W
Exhaust Manifold Gasket	See Website Catalogue	R, W	Rocker Arm/Follower	BFS181S	R



W See website catalogue

R Not included, but required

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908527

Nissan 110405X00A

BCH038 Bare Cylinder Head

Product Information

For Vehicle Makes:

Isuzu/Opel/Vauxhall

For Engines:

4JG2, 4JG2T, 4JG2TC

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 41.00MM

Exhaust Valve Head Diameter: 35.00MM

Total Valve Length:

No. Valves Required: 8

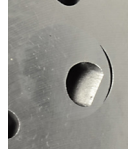
No. Camshafts Required: 1

Important Notes:

Crescent Shaped Pre-Combustion Chamber (fig.1)



fig.1



Associated Parts in FAI Range

Product	Part Number	Notes
Head Gasket	HG921	R
Head Set	HS921	R
Head Bolts	B1039	R
Rocker Cover Gasket	RC921S	R
Valve Stem Seal	VSK331	R
Oil Seals	OS267	R

W See website catalogue

R Not included, but required

***** Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Product	Part Number	Notes
Glow Plugs	LP025	R

Cross References

Manufacturer Reference

Isuzu 8-97086-338-2

Isuzu 8-97086-338-4

BCH039 Bare Cylinder Head

Product Information

For Vehicle Makes:

Mercedes-Benz

For Engines:

OM 611.980, OM 611.981, OM 611.987

Parts Included:

Valve Guides, Manifold Studs

Technical Specifications

Inlet Valve Head Diameter: 30.10MM

Exhaust Valve Head Diameter: 28.40MM

Total Valve Length: 104.00MM, 104.40MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

With 2 Identification Drill Holes (fig.1)
Alternative Version BCH040, BCH043

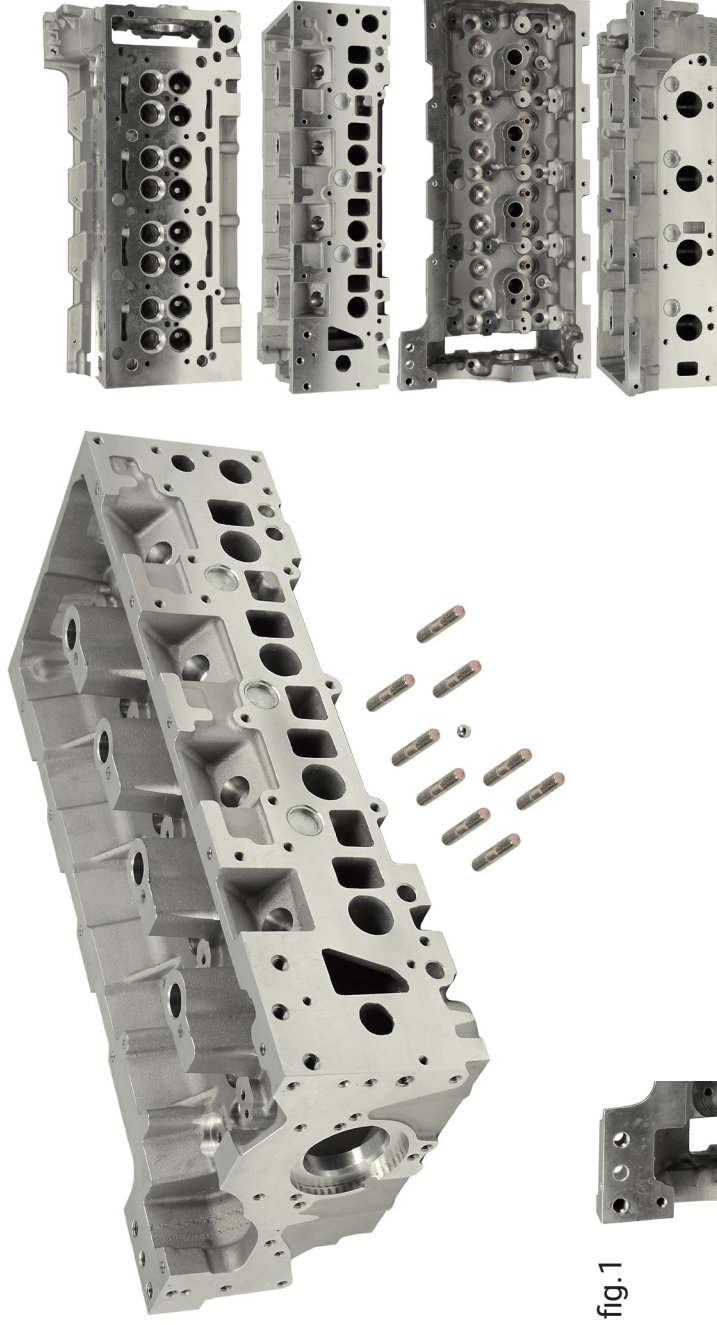


fig.1

Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG864	R	Inlet Valve	IV94398	R
Head Set	HS864	R	Exhaust Valve	EV94399	R
Head Bolts	B1107	R	Valve Stem Seal	VSK801	R
Rocker Cover Gasket	RC864S	R	Glow Plugs	LP055	R
Intake Manifold Gasket	IM864	R			
Exhaust Manifold Gasket	EM864	R			



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References	Manufacturer	Reference
	AMC	908572
	Mercedes-Benz	6110102320
	Mercedes-Benz	6110104420
	Mercedes-Benz	6110105420

BCH040 Bare Cylinder Head

Product Information

For Vehicle Makes:

Mercedes-Benz

For Engines:

OM 611.960, OM 611.961

Parts Included:

Valve Guides, Manifold Studs, Plug for Water Hole

Technical Specifications

Inlet Valve Head Diameter: 30.10MM

Exhaust Valve Head Diameter: 28.40MM

Total Valve Length: 104.10MM, 104.40MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

Without Identification Holes (fig.1), Up to Engine No -> 30128575/40068033, Alternative Version BCH039, BCH043

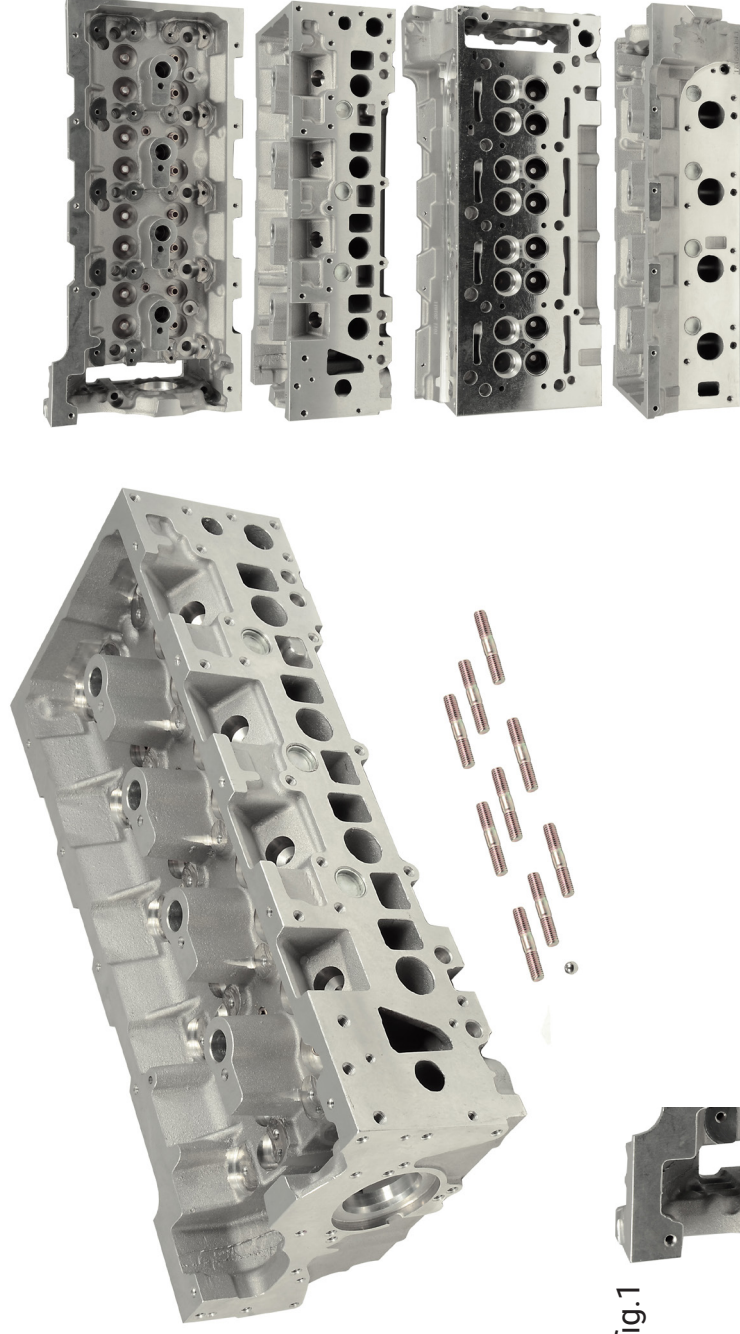


fig.1

Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG864	R	Inlet Valve	IV94398	R
Head Set	HS864	R	Exhaust Valve	EV94399	R
Head Bolts	B1107	R	Valve Stem Seal	VSK801, VSK1037	R, W
Rocker Cover Gasket	RC864S	R	Rocker Arm/Follower	BFS105, BFS105S	R, W
Intake Manifold Gasket	IM864	R	Glow Plugs	LP055	R
Exhaust Manifold Gasket	EM864	R			

W See website catalogue

R Not included, but required

***** Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908573

Mercedes-Benz A6110100920



BCH041 Bare Cylinder Head

Product Information

For Vehicle Makes:

Mercedes-Benz

For Engines:

OM611.962, OM646.951, OM646.961, OM646.962, OM646.963, OM646.966, OM646.980

Parts Included:

Valve Guides, Manifold Studs

Technical Specifications

Inlet Valve Head Diameter: 28.70MM

Exhaust Valve Head Diameter: 26.20MM

Total Valve Length: 104.10MM, 104.50MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

Without Identification Holes (fig.1)

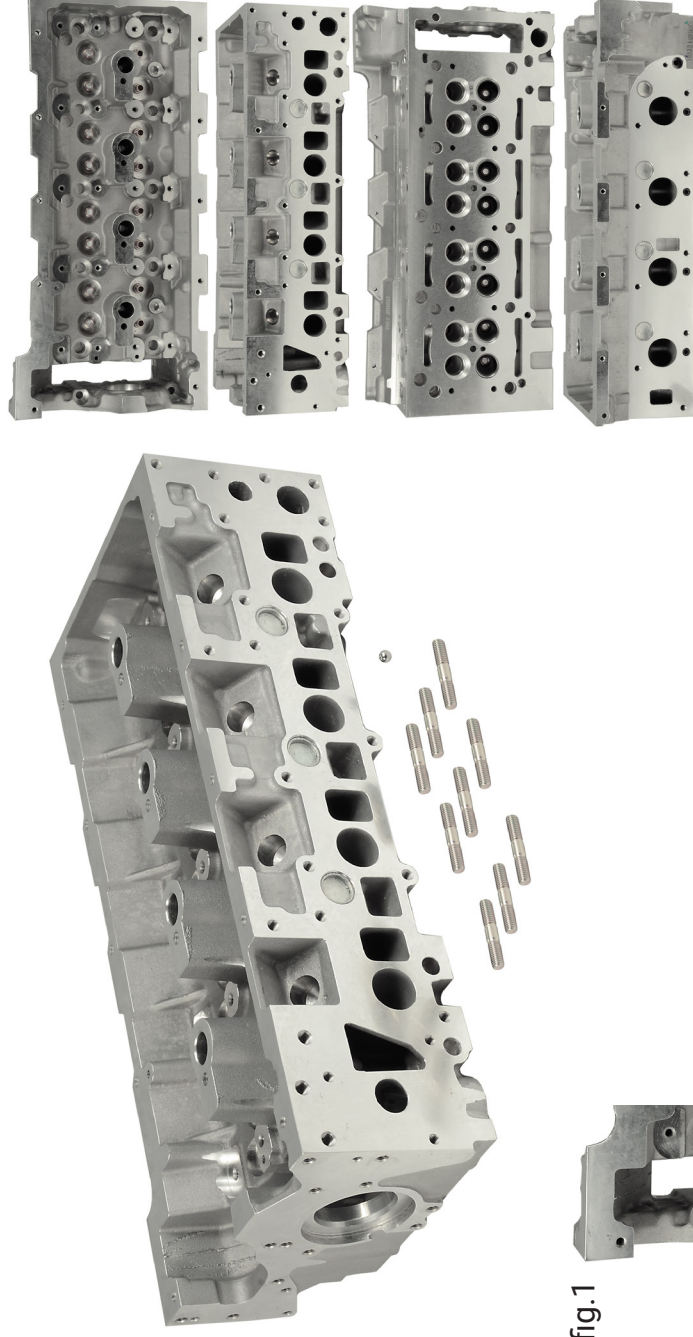


fig.1

Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG864	R	Inlet Valve	IV95114	R
Head Set	HS864	R	Exhaust Valve	EV95115	R
Head Bolts	B1107	R	Valve Stem Seal	VSK801	R
Rocker Cover Gasket	RC864S	R	Valve Guides	BFG043	R
Intake Manifold Gasket	IM864	R	Rocker Arm/Follower	BFS105, BFS105S	R, W
Exhaust Manifold Gasket	EM864	R	Glow Plugs	LP055	R



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908574

Mercedes-Benz 6110105020

Mercedes-Benz 6460100620

Mercedes-Benz 6460101020

BCH042 Bare Cylinder Head

Product Information

For Vehicle Makes:

Mercedes-Benz/Jeep

For Engines:

ENF, OM 612.961, OM 612.962, OM 612.963, OM 612.965, OM 612.967

Parts Included:

Valve Guides, Manifold Studs

Technical Specifications

Inlet Valve Head Diameter: 30.10MM

Exhaust Valve Head Diameter: 28.40MM

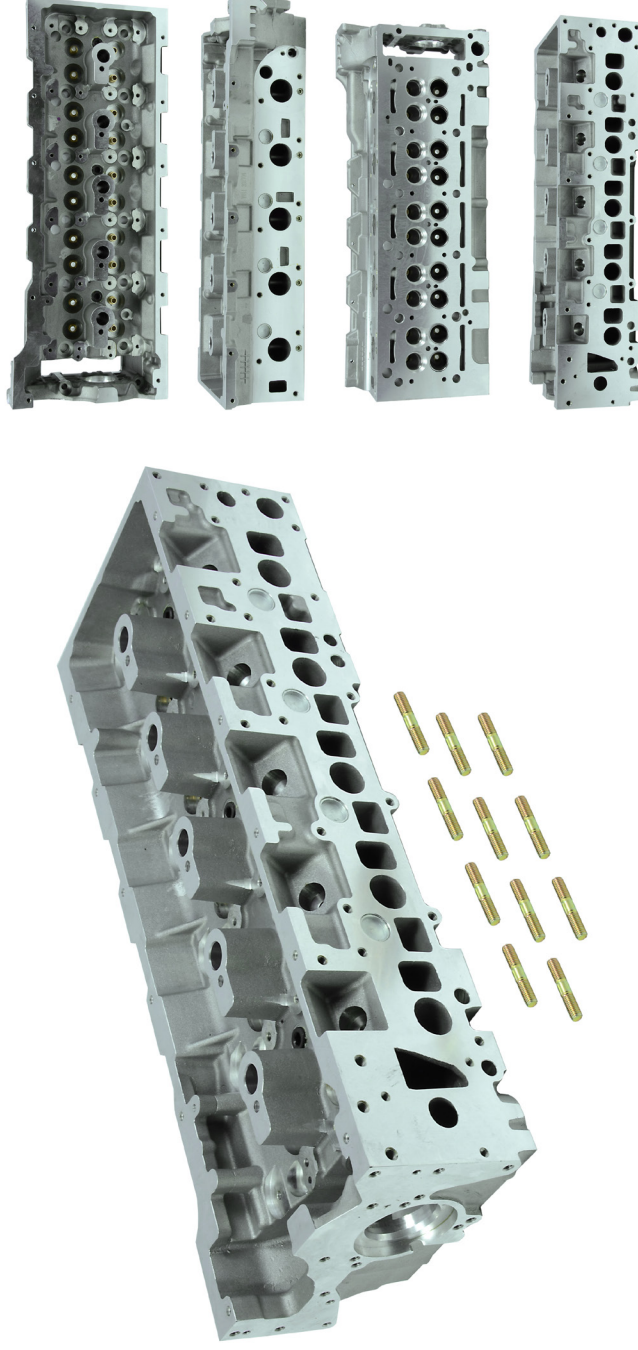
Total Valve Length: 104.00MM, 104.40MM

No. Valves Required: 20

No. Camshafts Required: 2

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1130	R	Inlet Valve	IV94398	R
Head Set	HS1130	R	Exhaust Valve	EV94399	R
Head Bolts	B1108	R	Valve Stem Seal	VSK1130	R
Rocker Cover Gasket	RC1130S	R	Rocker Arm/Follower	BFS105, BFS105S	R, W
Intake Manifold Gasket	IM1130, IM1130A	R, W	Glow Plugs	LP055	R
Exhaust Manifold Gasket	EM1130	R			

W See website catalogue

***** Included with Product

R Not included, but required

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908575

Mercedes-Benz 6120102320

BCH043 Bare Cylinder Head

Product Information

For Vehicle Makes:

Mercedes-Benz

For Engines:

OM 611.960, OM 611.961, OM 611.962, OM 611.981, OM 646.962, OM 646.963

Parts Included:

Valve Guides, Manifold Studs

Technical Specifications

Inlet Valve Head Diameter: 30.10MM

Exhaust Valve Head Diameter: 28.40MM

Total Valve Length: 104.00MM, 104.40MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

Without Identification Holes (fig.1), from Engine No 30128576/40068034 ->, Alternative Version BCH039, BCH040, Coolant Hole Diameter 18MM

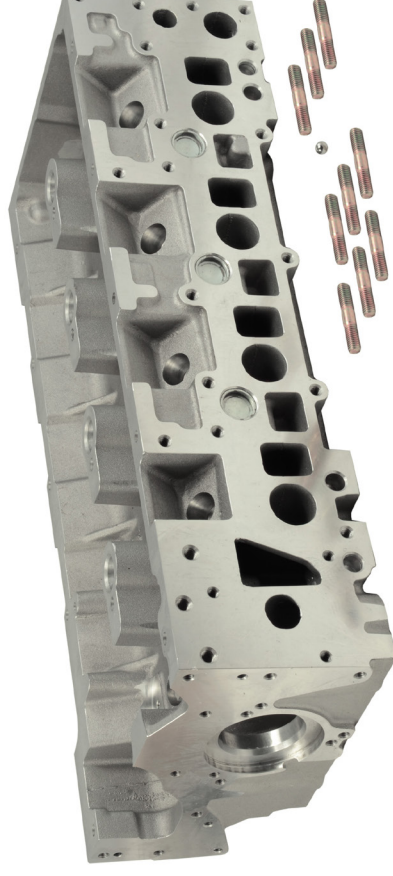
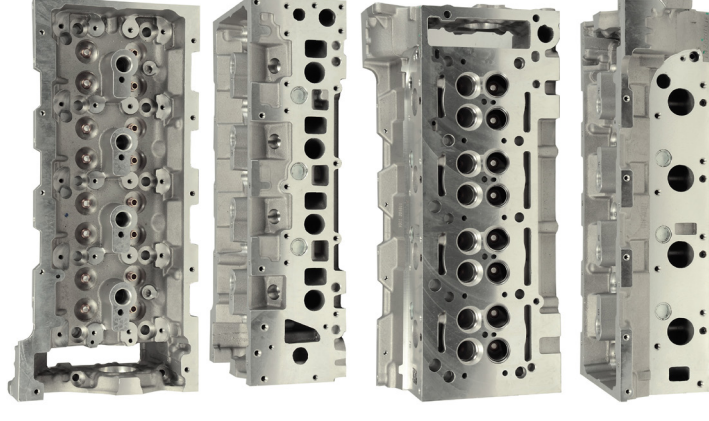


fig.1

Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG864	R	Inlet Valve	IV94398	R
Head Set	HS864	R	Exhaust Valve	EV94399	R
Head Bolts	B1107	R	Valve Stem Seal	VSK801, VSK864	R, W
Rocker Cover Gasket	RC864S	R	Rocker Arm/Follower	BFS105, BFS105S	R, W
Intake Manifold Gasket	IM864, IM864A	R, W	Glow Plugs	LP055	R
Exhaust Manifold Gasket	EM864	R			



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908577

Mercedes-Benz 6110103620

BCH044 Bare Cylinder Head

Product Information

For Vehicle Makes:

Hyundai/Kia/Mitsubishi

For Engines:

4D56, 4D56 T, D4BA, D4BH, D4BX

Parts Included:

Valve Guides, Manifold Studs, Coolant Pipe Connector.

Technical Specifications

Inlet Valve Head Diameter: 40.00MM

Exhaust Valve Head Diameter: 34.00MM

Total Valve Length: 136.50MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

Rectangular Pre-Chamber (fig.1), Protruding Valves Design, Alternative Version BCH001, CCH001

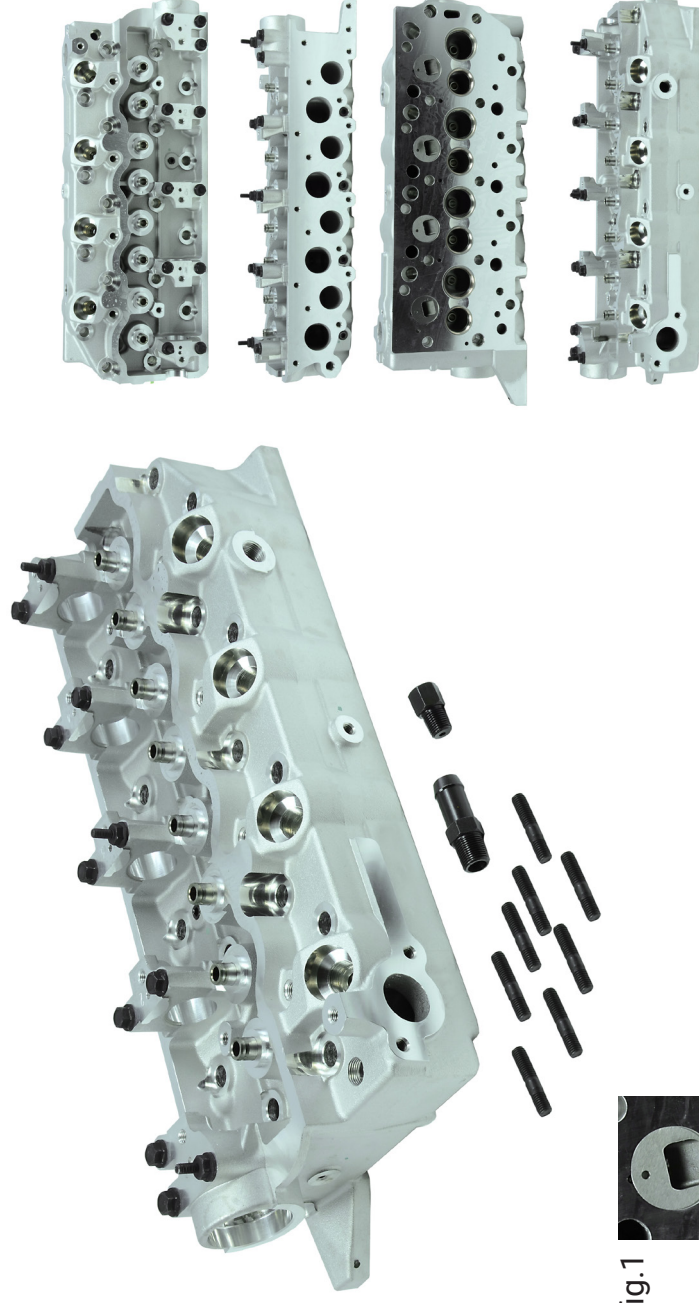


fig.1

Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	See Website Catalogue	R, W	Inlet Valve	IV3841	R
Head Set	HS1823NH, HS654	R, W	Exhaust Valve	EV3840	R
Head Bolts	B1046	R	Valve Stem Seal	VSK328	R
Rocker Cover Gasket	RC375S	R	Camshaft	C217	R
Intake Manifold Gasket	EM375, EM1823	R, W	Rocker Arm/Follower	R966S, R967S	R, W
Exhaust Manifold Gasket	EM375, EM1823	R, W	Oil Seals	OS242	R

W See website catalogue

*

Included with Product

T

Choice of Gasket Thickness

R Not included, but required

NH

No Head Gasket Included

Cross References

Manufacturer Reference

AMC 908512

Hyundai/Kia 22100-42201

Hyundai/Kia 22100-42210

Hyundai/Kia 22100-42400



BCH045 Bare Cylinder Head

Product Information

For Vehicle Makes:

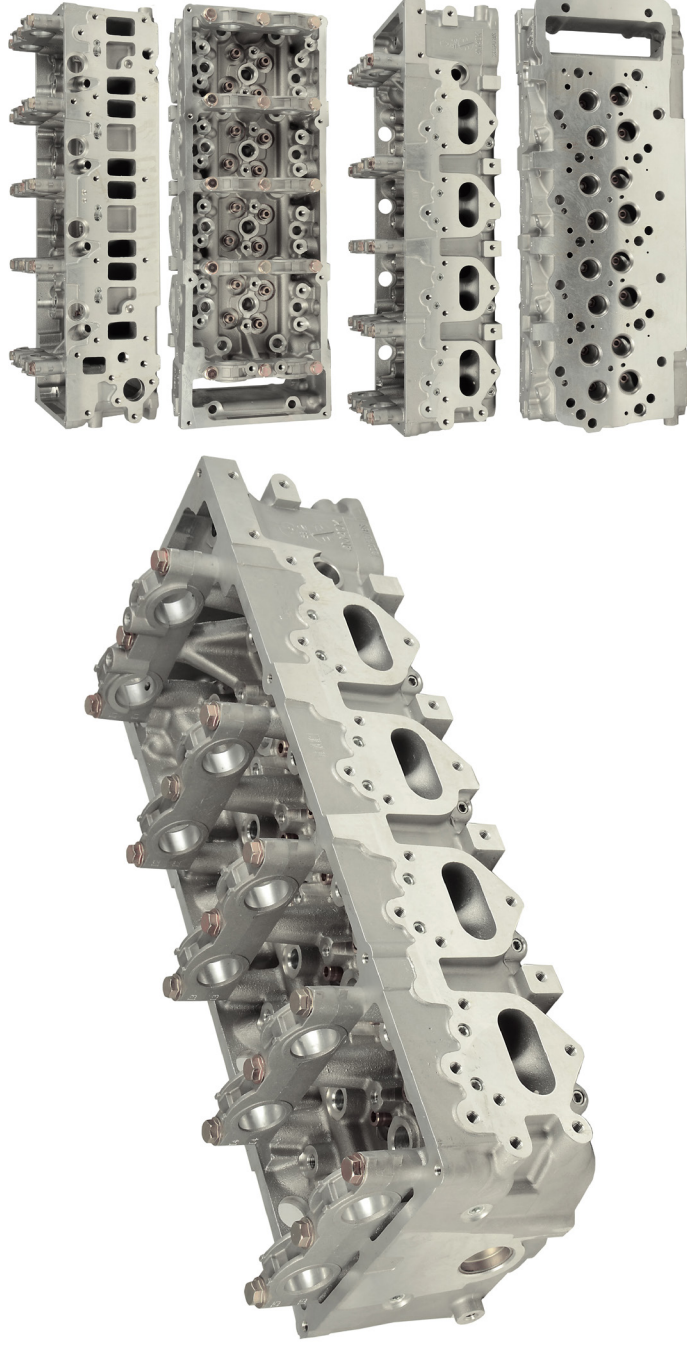
Mitsubishi

For Engines:

4M42-0AT, 4M42-3AT1, 4M42-3AT4

Parts Included:

Valve Guides



Technical Specifications

Inlet Valve Head Diameter: 30.00MM

Exhaust Valve Head Diameter: 28.00MM

Total Valve Length: 115.40MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For Direct Injection Engines Only.

Associated Parts in FAI Range

Product	Part Number	Notes
Head Gasket	HG2258(T)	R
Head Set	HS2258NH	R
Camshaft (inlet)	C288	R
Camshaft (exhaust)	C289	R



W See website catalogue
R Not included, but required

***** Included with Product
NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer	Reference
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AMC	908517
-----	--------

Mitsubishi	1005B326
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Mitsubishi	ME194766
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Mitsubishi	ME194790
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BCH046 Bare Cylinder Head

Product Information

For Vehicle Makes:

Mitsubishi

For Engines:

4M41

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 33.00MM

Exhaust Valve Head Diameter: 31.00MM

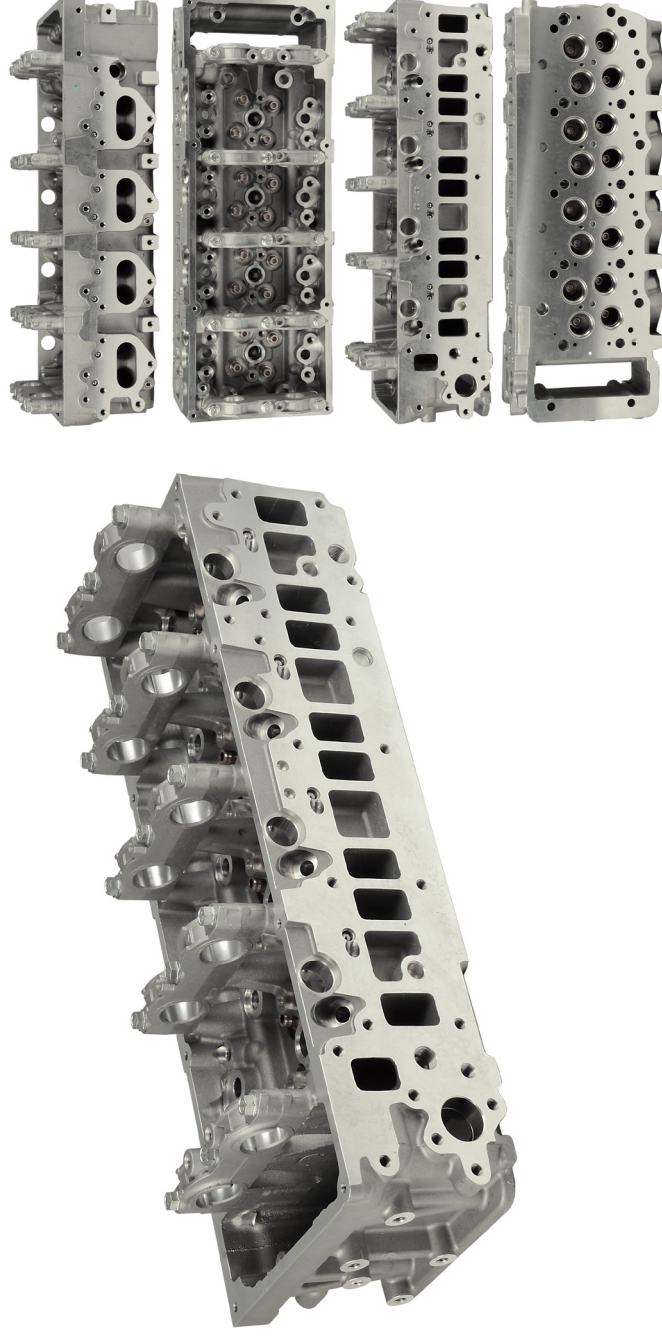
Total Valve Length: 115.50MM, 115.40MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For Direct Injection Engines Only.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1539C(T)	R	Inlet Valve	IV95032	R
Head Set	HS1539NH	R	Exhaust Valve	EV95033	R
Head Bolts	B1539	R	Valve Stem Seal	VSK646	R
Rocker Cover Gasket	RC1539S	R	Valve Guides	BFG014	*
Intake Manifold Gasket	IM1539	R	Camshaft	C288, C289	R
Exhaust Manifold Gasket	EM1539	R	Rocker Arm/Follower	R192S	R

W See website catalogue

R Not included, but required

*

Included with Product

NH

No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 908518

Mitsubishi ME204200

BCH047 Bare Cylinder Head

Product Information

For Vehicle Makes:

Opel/Vauxhall

For Engines:

Y17DT, Y17 DTL

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 27.50MM

Exhaust Valve Head Diameter: 26.50MM

Total Valve Length: 98.50MM, 98.10MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For Non CRD Engines



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG895	R	Inlet Valve	IV291030	R
Head Set	HS895	R	Exhaust Valve	EV291031	R
Head Bolts	B618	R	Valve Stem Seal	VSK1006	R
Rocker Cover Gasket	RC895S, RC895AS	R	Camshaft	C237, C238	R
Intake Manifold Gasket	IM895	R	Rocker Arm/Follower	BFS157, BFS157S	R
Exhaust Manifold Gasket	EM895	R	Oil Seals	OS895	R

Cross References

Manufacturer Reference

AMC 908554

Opel/Vauxhall 5607076

Opel/Vauxhall 5607150

Opel/Vauxhall 607155



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

BCH048 Bare Cylinder Head

Product Information

For Vehicle Makes:

Toyota

For Engines:

3L

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 42.50MM

Exhaust Valve Head Diameter: 36.10MM

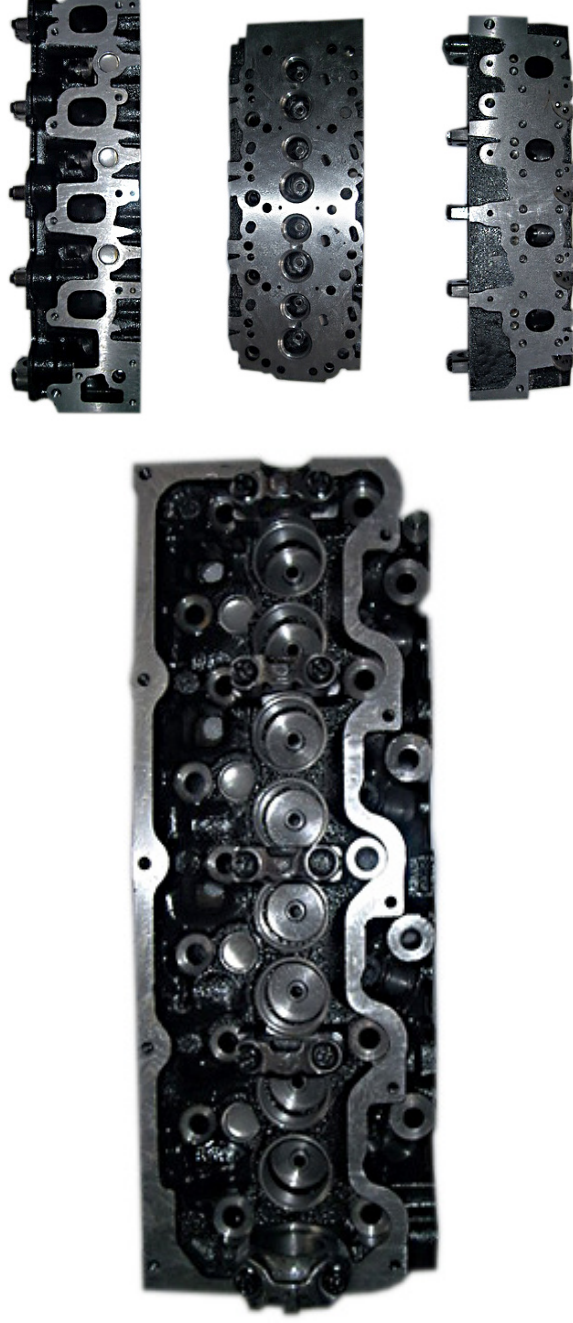
Total Valve Length: 103.5MM, 103.3MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

Identification Hole 7MM



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG906A(T)	R	Inlet Valve	IV4291	R
Head Set	HS1277NH	R	Exhaust Valve	EV4292	R
Head Bolts	B1027	R			
Rocker Cover Gasket	RC905S	R			
Valve Stem Seal	VSK682	R			
Oil Seals	OS349	R			

W See website catalogue

R Not included, but required

***** Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 909053

Toyota 11101-54130

Toyota 11101-54131



BCH049 Bare Cylinder Head

Product Information

For Vehicle Makes:

Toyota/VW

For Engines:

2L

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 42.50MM

Exhaust Valve Head Diameter: 36.10MM

Total Valve Length: 103.5MM, 103.3MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

Identification Hole 7MM, with Camshaft Lubrication Groove (fig.1) (See BCH013 for version: Without groove for Camshaft Lubrication)

fig.1



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG366, HG905	W, R	Inlet Valve	IV4291	R
Head Set	HS1246, HS366, HS905	W, R	Exhaust Valve	EV4292	R
Head Bolts	B1027	R	Valve Stem Seal	VSK366, VSK682	W, R
Rocker Cover Gasket	RC366S, RC905S	W, R	Camshaft	C322	R
Intake Manifold Gasket	IM905	R	Oil Seals	OS344, OS349	W, R
Exhaust Manifold Gasket	EM905, DP325	W, R	Glow Plugs	LP081	R



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer Reference

AMC 909055

Toyota 11101-54111

Volkswagen J1110154111

BCH050 Bare Cylinder Head

Product Information

For Vehicle Makes:

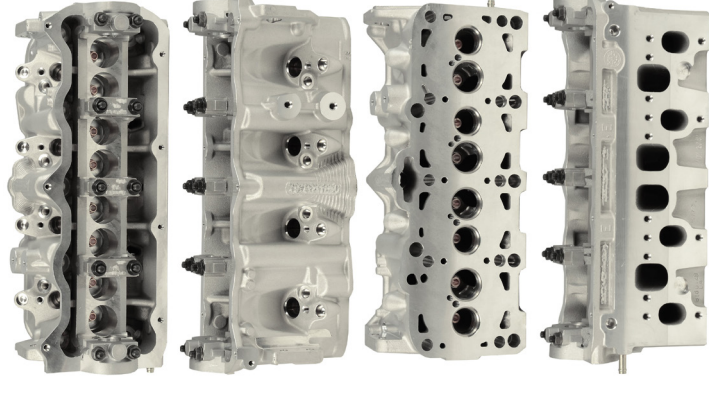
Audi/Seat/Skoda/VW

For Engines:

AEY, AFN, AGP, AGR, AHF, AHU, ALE, ALH, AQM, ASK, ASV, ASY, AYQ

Parts Included:

Valve Guides



Technical Specifications

Inlet Valve Head Diameter: 36.00MM

Exhaust Valve Head Diameter: 31.50MM

Total Valve Length: See web Catalogue

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

For Vehicles with Hydraulic Followers/Lifters, Alternative Version BCH028

Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG537, HG538, HG539	R, W	Exhaust Valve	EV39503, EV94410	R, W
Head Set	HS537NH, HS1021NH	R, W	Valve Stem Seal	VSK238, VSK865	R, W
Head Bolts	B068	R	Valve Guides	See Website Catalogue	R, W
Rocker Cover Gasket	RC537S	R	Camshaft	C305	R
Intake Manifold Gasket	IM534	R	Camshaft Bearings	EB5009LCSTD	R
Exhaust Manifold Gasket	EM297	R	Rocker Arm/Follower	BFS66, BFS66S	R, W
Inlet Valve	IV39502, IV94409	R, W	Oil Seals	OS534	R

W See website catalogue

Included with Product

T

Choice of Gasket Thickness

R Not included, but required

NH

No Head Gasket Included

Cross References

Manufacturer Reference

AMC 908703

VAG 038 103 351 B

VAG 038 103 351 X

VAG 038 103 373 E



BCH051 Bare Cylinder Head

Product Information

For Vehicle Makes:

Opel/Renault/Vauxhall

For Engines:

F8Q 600, F8Q 606, F8Q 622, F8Q 630, F8Q 632, F8Q 662, F8Q 676, F8Q 696, F8Q 714, F8Q 790

Parts Included:

Valve Guides, Manifold Studs

Technical Specifications

Inlet Valve Head Diameter: 35.00MM

Exhaust Valve Head Diameter: 31.30MM

Total Valve Length: 110.00MM, 109.80MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

Circular Pre-Combustion Chamber (fig.1)

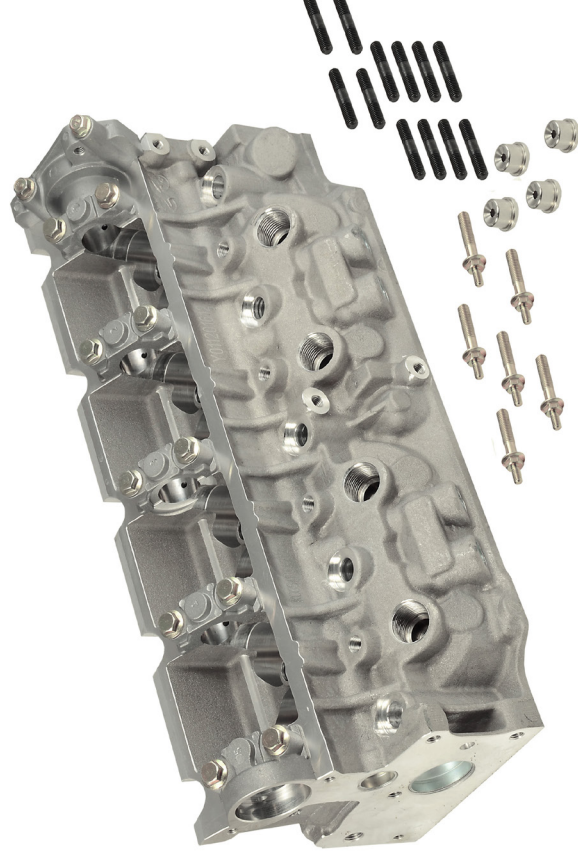
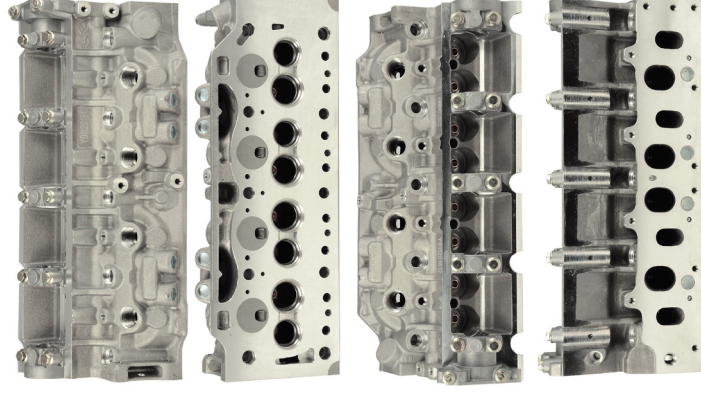


fig.1



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG780, HG781, HG782, HG1401B(T)	R, W	Intake Manifold Gasket	See Website Catalogue	R
Head Set	HS212, HS508NH, HS780NH	R, W	Inlet Valve	IV69369	R
Head Bolts	B425, B1401	R, W	Exhaust Valve	EV69373	R
Rocker Cover Gasket	RC507S	R	Valve Stem Seal	VSK501	R
Exhaust Manifold Gasket	EM507	R	Oil Seals	OS750, OS752	R, W
			Glow Plugs	LP050, LP062	R, W



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References	Manufacturer	Reference
AMC		908098
Opel/Vauxhall		4400196
Opel/Vauxhall		4403885
Renault		7701471013

BCH052 Bare Cylinder Head

Product Information

For Vehicle Makes:

Bmw/Mini/Peugeot/Citroen

For Engines:

N13 B16 A, N14 B16 C, N18 B16 C, EP6DT, EP6CDT, EP6DTS, EP6DTX

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 28.80MM

Exhaust Valve Head Diameter: 26.20MM

Total Valve Length: 105.75MM, 110.14MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

Check Oil Gallery Design (fig.1)



fig.1

Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1475	R	Inlet Valve	IV95173	R
Head Set	HS1475	R	Exhaust Valve	EV95174	R
Head Bolts	B1460	R	Valve Stem Seal	VSK1475	R
Rocker Cover Gasket	RC1461SK	R	Rocker Arm/Follower	R973S, BFS322S, BFS323S	R, W
Intake Manifold Gasket	IM1475K	R			
Exhaust Manifold Gasket	EM1475	R			

W See website catalogue

R Not included, but required

***** Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer Reference

Citroen/Peugeot 967836981A

Citroen/Peugeot 981239288A

Citroen/Peugeot 9806024610

BCH053 Bare Cylinder Head

Product Information

For Vehicle Makes:

Ford/Mazda

For Engines:

SEWA, SEBA

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 35.00MM

Exhaust Valve Head Diameter: 30.00MM

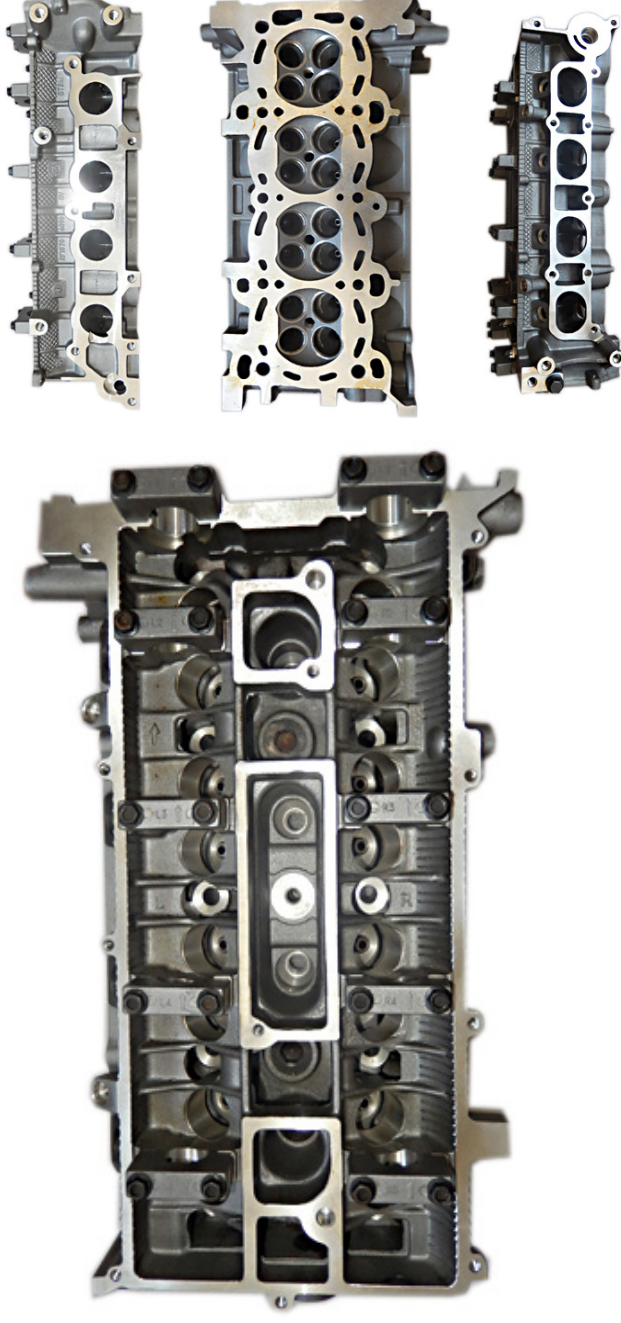
Total Valve Length: 103.40MM, 104.60MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes
Head Gasket	HG2103	R
Head Set	HS1079NH	R
Head Bolts	B1140	R
Rocker Cover Gasket	RC1079S	R
Intake Manifold Gasket	IM1078	R
Exhaust Manifold Gasket	EM1078	R

Product	Part Number	Notes
Valve Stem Seal	VSK1078	R

Cross References	
Manufacturer	Reference
Ford	4689001
Mazda	L30910090B
Mazda	L30910090C



W See website catalogue
R Not included, but required

***** Included with Product
NH No Head Gasket Included

T Choice of Gasket Thickness

BCH054 Bare Cylinder Head

Product Information

For Vehicle Makes:

Landrover/Rover/Lotus/MG

For Engines:

18K18, 18K4F, 18K4K, 18K4G, 18K16

Parts Included:

Bare Cylinder Head Only

Technical Specifications

Inlet Valve Head Diameter: 31.60MM

Exhaust Valve Head Diameter: 27.40MM

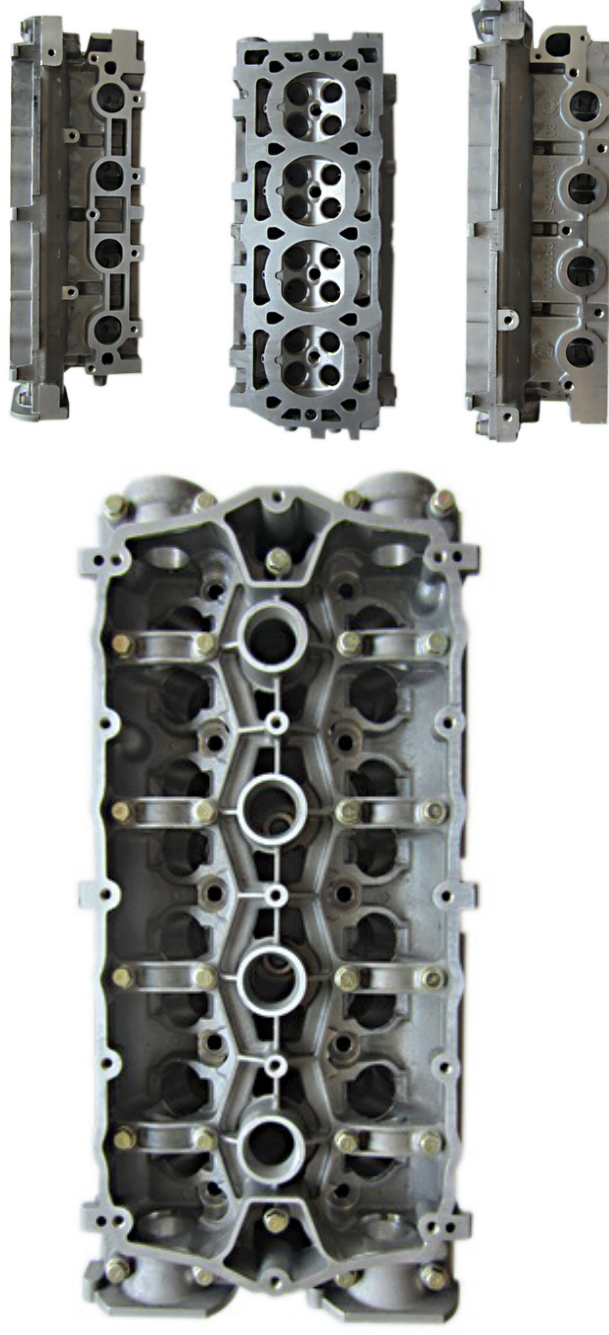
Total Valve Length: 89.60MM, 90.00MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

For Non-VVC Engines.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG512, HG1391	R, W	Inlet Valve	IV801003	R
Head Set	See Website Catalogue	R, W	Exhaust Valve	EV801004	R
Head Bolts	B292	R	Valve Stem Seal	VSK513	R
Rocker Cover Gasket	RC853S	R	Valve Guides	BFG92309, BFG92316	R, W
Intake Manifold Gasket	IM513, IM889	R, W	Rocker Arm/Follower	BFS77, BFS77S	R, W
Exhaust Manifold Gasket	EM513, EM1199	R, W	Oil Seals	See Website Catalogue	R, W

W See website catalogue

R Not included, but required

*

Included with Product

NH

No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

Landrover LDF109390

Rover 18K4FJ31153993

Rover 18K4FJ32147263



BCH055 Bare Cylinder Head

Product Information

For Vehicle Makes:

Hyundai

For Engines:

D3EA

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 28.50MM

Exhaust Valve Head Diameter: 24.40MM

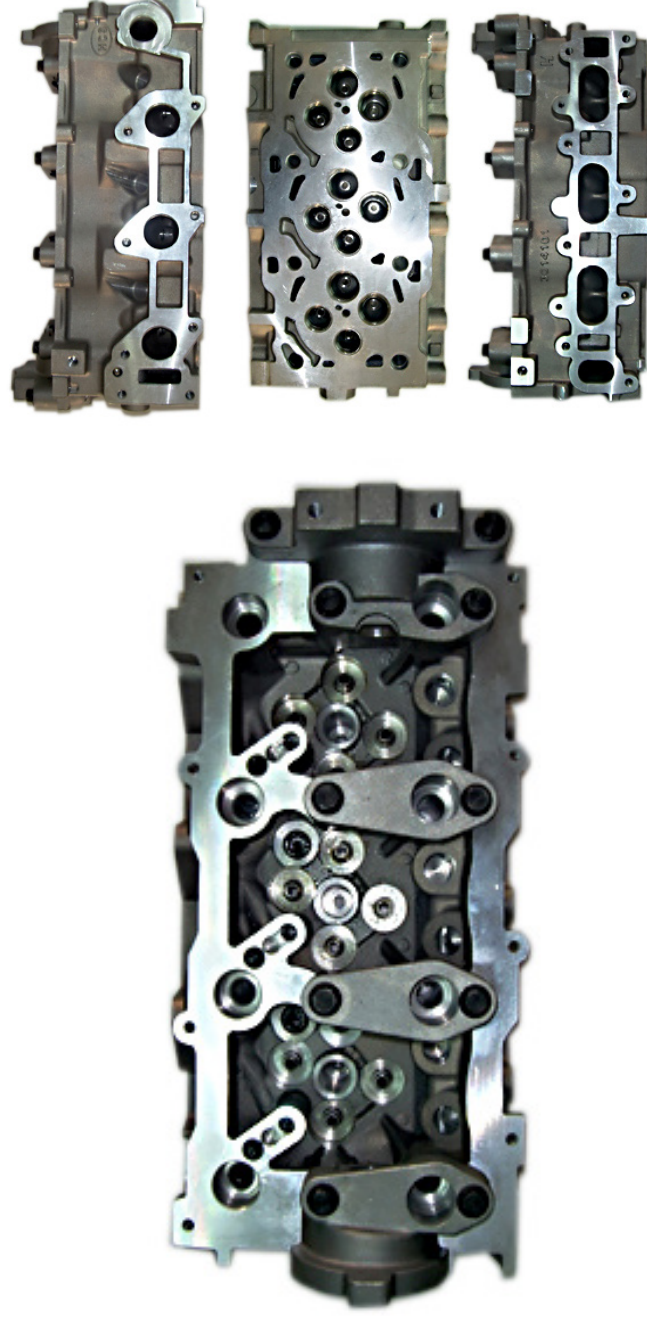
Total Valve Length: 95.70MM, 95.40MM

No. Valves Required: 12

No. Camshafts Required: 1

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1517	R	Exhaust Valve	EV95017	R
Head Set	HS1517	R	Valve Stem Seal	VSK1517	R
Head Bolts	B2170	R	Valve Guides	BFG007	R
Intake Manifold Gasket	IM1517	R	Rocker Arm/Follower	See Website Catalogue	R, W
Exhaust Manifold Gasket	EM1517	R	Oil Seals	OS1517	R
Inlet Valve	IV95016	R	Glow Plugs	LP086	R



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

Hyundai 22100-27500

Hyundai 22100-27501

Hyundai 22111-27501

BCH056 Bare Cylinder Head

Product Information

For Vehicle Makes:

Hyundai/Kia

For Engines:

D4FA

Parts Included:

Bare Cylinder Head Only

Technical Specifications

Inlet Valve Head Diameter: 28.50MM

Exhaust Valve Head Diameter: 24.40MM

Total Valve Length: 95.40MM, 95.70MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG2183B(T)	R	Inlet Valve	IV95016	R
Head Set	HS2172NH	R	Exhaust Valve	EV95017	R
Head Bolts	B2170, B2178	R, W	Valve Stem Seal	VSK1517, VSK2172	R, W
Rocker Cover Gasket	RC2172S	R	Rocker Arm/Follower	BFS148, BFS148S	R, W
Intake Manifold Gasket	IM2172	R	Oil Seals	OS958	R
Exhaust Manifold Gasket	EM2172	R	Glow Plugs	LP086	R

W See website catalogue

Included with Product

T

Choice of Gasket Thickness

NH

No Head Gasket Included

T

Cross References

Manufacturer	Reference
Hyundai/Kia	22100-2A000
Hyundai/Kia	22100-2A001
Hyundai/Kia	22100-2A050
Hyundai/Kia	22100-2A300



BCH057 Bare Cylinder Head

Product Information

For Vehicle Makes:

Audi/Seat/Skoda/VW

For Engines:

ALZ, BFS, BSE, BGU

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 39.50MM

Exhaust Valve Head Diameter: 32.90MM

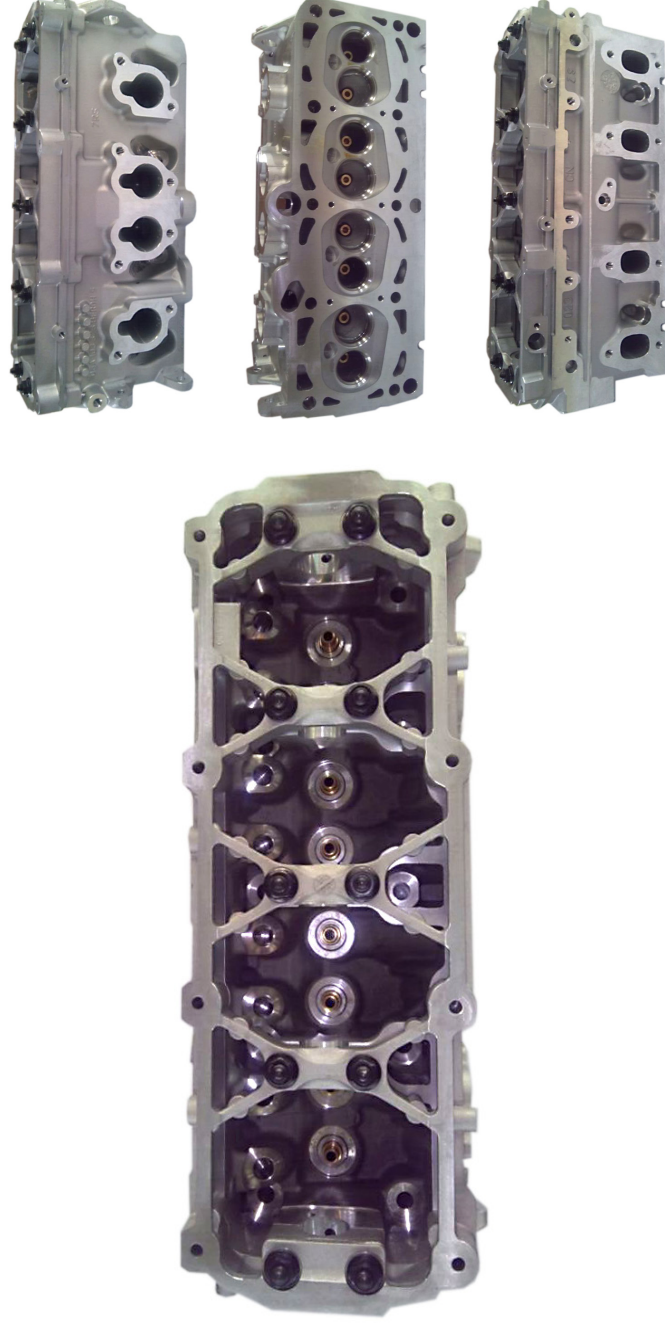
Total Valve Length: 93.90MM, 94.00MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1009	R	Inlet Valve	IV94424	R
Head Set	HS1651, HS1708, HS1713	R, W	Exhaust Valve	EV94425	R
Head Bolts	B1055	R	Valve Stem Seal	VSK1198	R
Rocker Cover Gasket	RC1 198S	R	Valve Guides	BFG96073	R, *
Intake Manifold Gasket	See Webcatalogue	R, W	Rocker Arm/Follower	R216S, BFS148, BFS148S	R, W
Exhaust Manifold Gasket	See Webcatalogue	R, W	Oil Seals	OS446, OS1320	R, W

Cross References

Manufacturer	Reference
AMC	910581
VAG	06B 103 351 F
VAG	06B 103 351 T



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

BCH058 Bare Cylinder Head

Product Information

For Vehicle Makes:

MINI

For Engines:

W10 B16, W11 B16

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 30.30MM

Exhaust Valve Head Diameter: 23.20MM

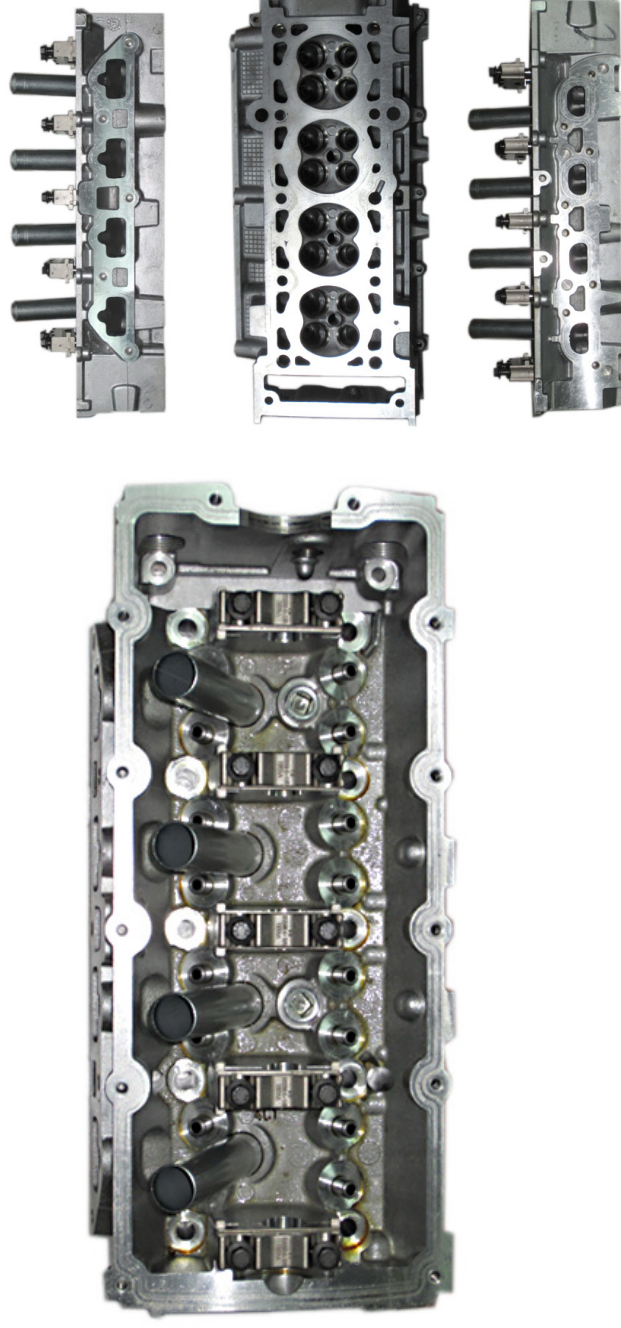
Total Valve Length: 109.50MM, 118.30MM

No. Valves Required: 16

No. Camshafts Required: 1

Important Notes:

See web catalogue for the latest information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1136	R	Inlet Valve	IV94349	R
Head Set	HS1136	R	Exhaust Valve	EV94350	R
Head Bolts	B1136	R	Valve Stem Seal	VSK1136	R
Rocker Cover Gasket	RC1136S	R	Camshaft	C360	R
Intake Manifold Gasket	IM1136, IM1136A	R, W	Rocker Arm/Follower	R976S, R977S, R978S	R, W
Exhaust Manifold Gasket	EM1136	R			

W See website catalogue

Included with Product

T

Choice of Gasket Thickness

R Not included, but required

NH

No Head Gasket Included

Cross References

Manufacturer Reference

Mini 11127508536

BCH059 Bare Cylinder Head

Product Information

For Vehicle Makes:

Hyundai/Kia

For Engines:

D3FA

Parts Included:

Bare Cylinder Head Only

Technical Specifications

Inlet Valve Head Diameter: 28.50MM

Exhaust Valve Head Diameter: 24.40MM

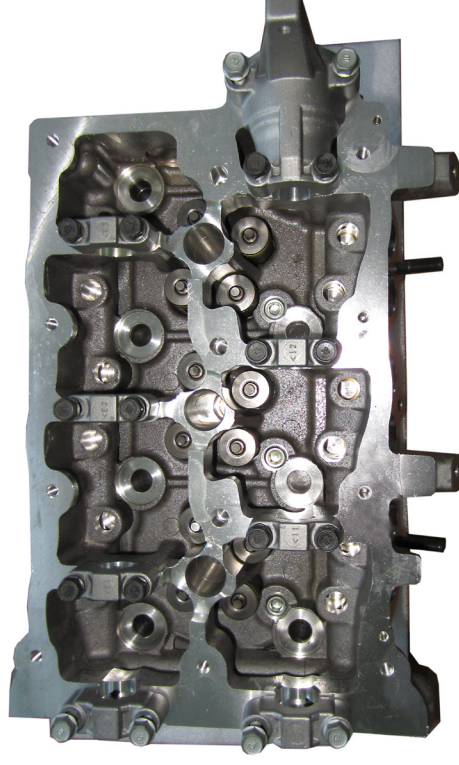
Total Valve Length: 95.40MM, 95.70MM

No. Valves Required: 12

No. Camshafts Required: 2

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG2170	R	Inlet Valve	IV95016	R
Head Set	HS2170	R	Exhaust Valve	EV95017	R
Head Bolts	B2170	R	Valve Stem Seal	VSK2170	R
Rocker Cover Gasket	RC2170S	R	Oil Seals	OS958	R
Intake Manifold Gasket	IM2170	R	Glow Plugs	LP113	R
Exhaust Manifold Gasket	EM2170	R			

Cross References

Manufacturer Reference

Hyundai/Kia 22100-2A000

Hyundai/Kia 22001-4XA10

Hyundai/Kia 22100-4X300

Hyundai/Kia 22100-4X500



W See website catalogue

R Not included, but required

***** Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

BCH060 Bare Cylinder Head

Product Information

For Vehicle Makes:

VW

For Engines:

BJJ, BJK, BJL, BJM, CEBA, CEBB, CECA, CECB

Parts Included:

Bare Cylinder Head Only

Technical Specifications

Inlet Valve Head Diameter: 36.00MM

Exhaust Valve Head Diameter: 31.50MM

Total Valve Length: 96.80MM, 96.90MM

No. Valves Required: 10

No. Camshafts Required: 1

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1494B(T)	R	Inlet Valve	IV39423	R
Head Set	HS1494NH	R	Exhaust Valve	EV33380	R
Head Bolts	B06812	R	Valve Stem Seal	VSK425	R
Rocker Cover Gasket	RC1328S	R	Valve Guides	BFG3310	R
Intake Manifold Gasket	IM736	R	Camshaft	C231	R
Exhaust Manifold Gasket	EM1494	R	Rocker Arm/Follower	BFS66, BFS66S	R, W

Cross References

Manufacturer Reference

AMC 908713

VAG 076 103 351 E

W See website catalogue

R Not included, but required

* Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

BCH061 Bare Cylinder Head

Product Information

For Vehicle Makes:

Isuzu/Opel/Vauxhall

For Engines:

4JB1-TC, 4JB1-T, 28 TDI

Parts Included:

Bare Cylinder Head Only

Technical Specifications

Inlet Valve Head Diameter: 40.10MM

Exhaust Valve Head Diameter: 35.70MM

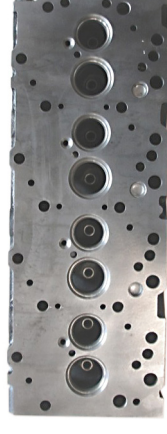
Total Valve Length: 118.00MM, 118.10MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes
Head Gasket	HG977	R
Head Set	HS977	R
Head Bolts	B1039	R
Rocker Cover Gasket	RC921S	R
Exhaust Valve	EV3826	R
Valve Stem Seal	VSK331	R

Product	Part Number	Notes
Oil Seals	OS231, OS267	R, W
Glow Plugs	LP028	R

Cross References	
Manufacturer	Reference
Isuzu	8-94327-269-0
Isuzu	8-94431-523-0
Isuzu	8-94455-240-1
Isuzu	8-97109-642-0



W See website catalogue

R Not included, but required

Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

BCH062 Bare Cylinder Head

Product Information

For Vehicle Makes:

Mercedes Benz

For Engines:

OM 601.970

Parts Included:

Bare Cylinder Head Only

Technical Specifications

Inlet Valve Head Diameter: 38.00MM

Exhaust Valve Head Diameter: 35.00MM

Total Valve Length: 106.40MM, 106.40MM

No. Valves Required: 8

No. Camshafts Required: 1

Important Notes:

Without Pre-Combustion Chambers



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG700	R	Exhaust Valve	EV26032	R
Head Set	HS701	R	Valve Stem Seal	VSK493	R
Rocker Cover Gasket	RC492S	R	Rocker Arm/Follower	BFS89, BFS89S, BFS525, BFS525S	R, W
Intake Manifold Gasket	IM493	R	Glow Plugs	LP021	R
Exhaust Manifold Gasket	EM493	R			
Inlet Valve	IV26024	R			

W See website catalogue

R Not included, but required

* Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer	Reference
AMC	908571
Mercedes-Benz	A6010106120
Mercedes-Benz	A6010105620



BCH063 Bare Cylinder Head

Product Information

For Vehicle Makes:

Renault

For Engines:

K4M 700-866, K4J 710-780

Parts Included:

Valve Guides

Technical Specifications

Inlet Valve Head Diameter: 32.70MM

Exhaust Valve Head Diameter: 28.00MM

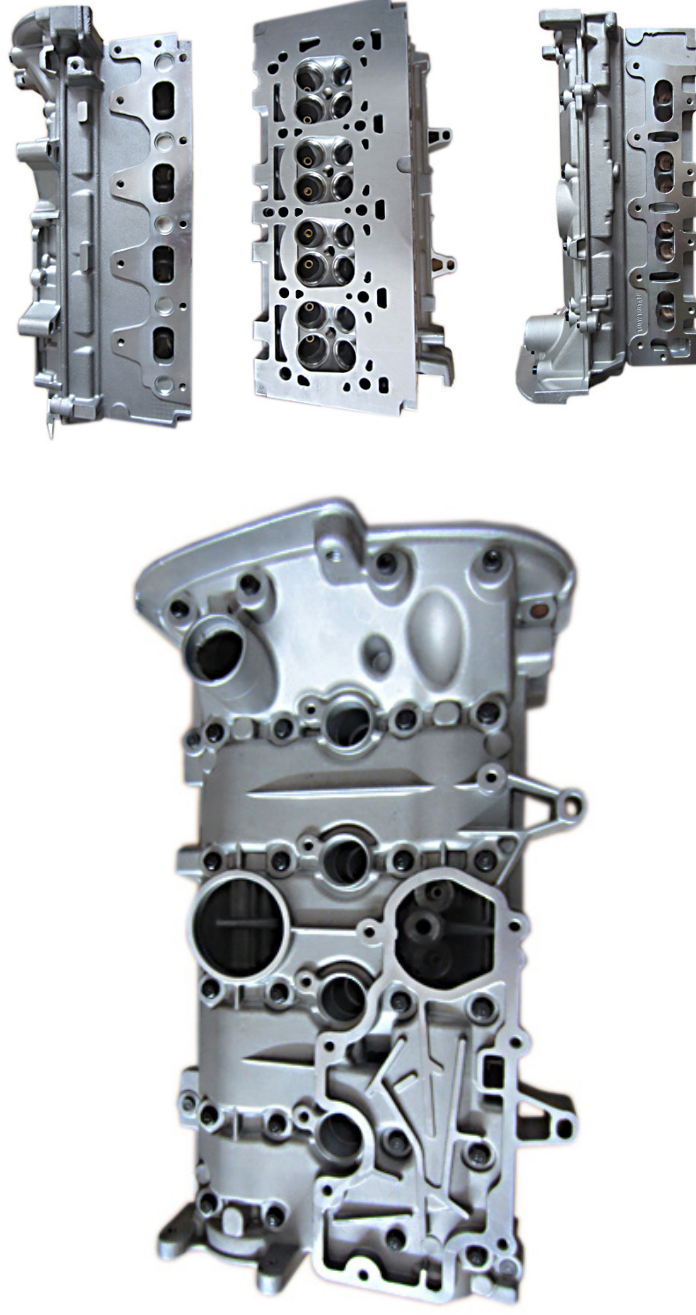
Total Valve Length: 107.50MM, 109.30MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG880	R	Inlet Valve	IV531031	R
Head Set	HS880, HS1434	R, W	Exhaust Valve	EV531032	R
Head Bolts	B1005	R	Valve Stem Seal	VSK880	R
Rocker Cover Gasket	SIL-2, SIL-2DB	R	Valve Guides	BFG9151	R
Intake Manifold Gasket	IM880, IM881, IM1434	R, W	Rocker Arm/Follower	R556S, BFS134, BFS134S	R, W
Exhaust Manifold Gasket	EM880, EM1434	R, W	Oil Seals	RMG880B, RMG880C, OS880, OS1434	R, W



W See website catalogue

R Not included, but required

*

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

Renault 7701471364

Renault 7701473353

Renault 7711135349

Renault 7701475914

BCH064 Bare Cylinder Head

Product Information

For Vehicle Makes:

Toyota

For Engines:

1HD-T

Parts Included:

Bare Cylinder Head Only

Technical Specifications

Inlet Valve Head Diameter: 42.50MM

Exhaust Valve Head Diameter: 36.10MM

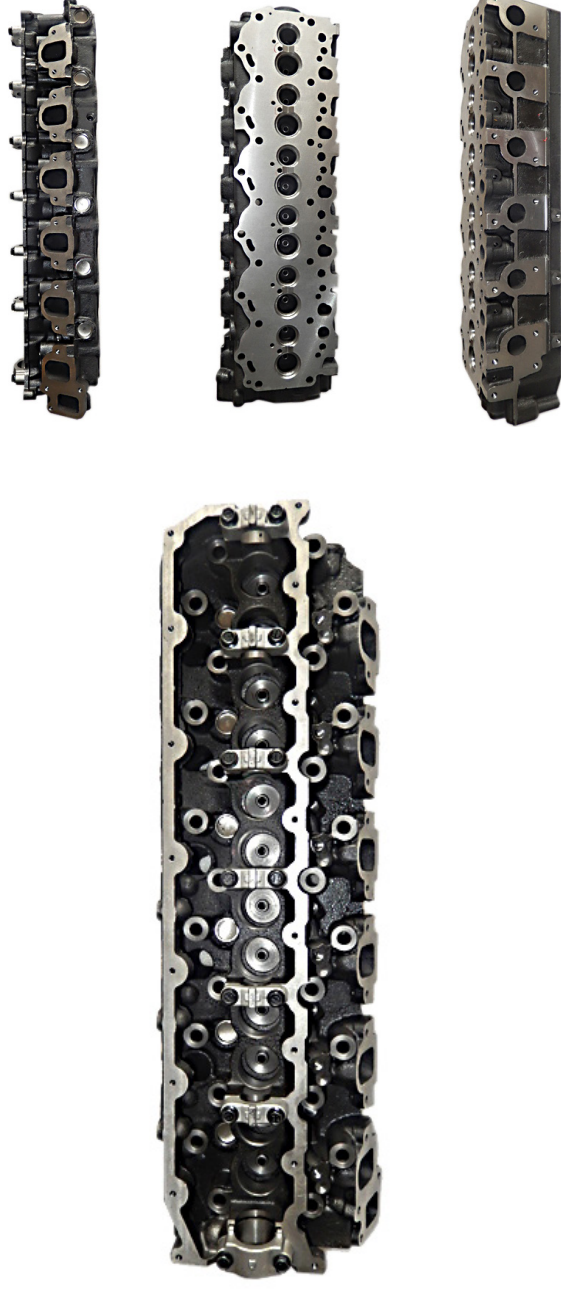
Total Valve Length: 103.30MM, 103.50MM

No. Valves Required: 12

No. Camshafts Required: 1

Important Notes:

See Web Catalogue For The Latest Information.



Associated Parts in FAI Range

Product	Part Number	Notes
Inlet Valve	IV4291	R
Exhaust Valve	EV4292	R
Valve Stem Seal	VSK1266	R
Oil Seals	OS349	R
Glow Plugs	LP009	R

W See website catalogue

R Not included, but required

***** Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer Reference

Toyota 11101-17040

BCH065 Bare Cylinder Head

Product Information

For Vehicle Makes:

Landrover

For Engines:

10 P, 14 P, 15 P, TD5

Parts Included:

Valve Guides, Manifold Studs

Technical Specifications

Inlet Valve Head Diameter: 34.70MM

Exhaust Valve Head Diameter: 31.70MM

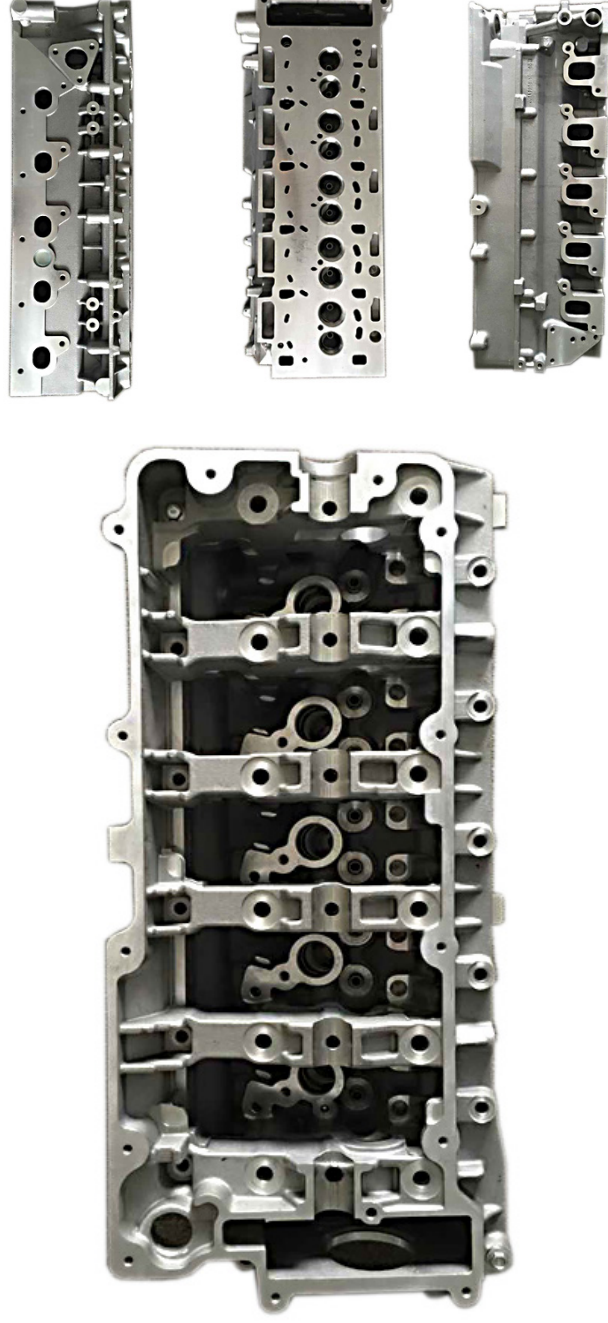
Total Valve Length: 105.70MM, 105.70MM

No. Valves Required: 10

No. Camshafts Required: 1

Important Notes:

Early Generation Design, Alternative Version BCH066



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1137	R	Inlet Valve	IV94359	R
Head Set	HS1137, HS1138, IK1137	R, W	Exhaust Valve	EV94360	R
Head Bolts	B1137	R	Valve Stem Seal	VSK1137	R
Rocker Cover Gasket	RC1137S	R	Rocker Arm/Follower	BFS148, BFS148S	R, W
Intake Manifold Gasket	IM1137	R	Oil Seals	OS1138, OS1139	R, W
Exhaust Manifold Gasket	EM1137	R	Glow Plugs	LP024, LP102	R, W



W See website catalogue

R Not included, but required

Included with Product

NH No Head Gasket Included

T

Choice of Gasket Thickness

Cross References

Manufacturer Reference

Landrover LDF500160

BCH066 Bare Cylinder Head

Product Information

For Vehicle Makes:
Landrover

For Engines:
10 P, 14 P, 15 P, TD5

Parts Included:
Valve Guides, Manifold Studs

Technical Specifications

Inlet Valve Head Diameter: 34.70MM

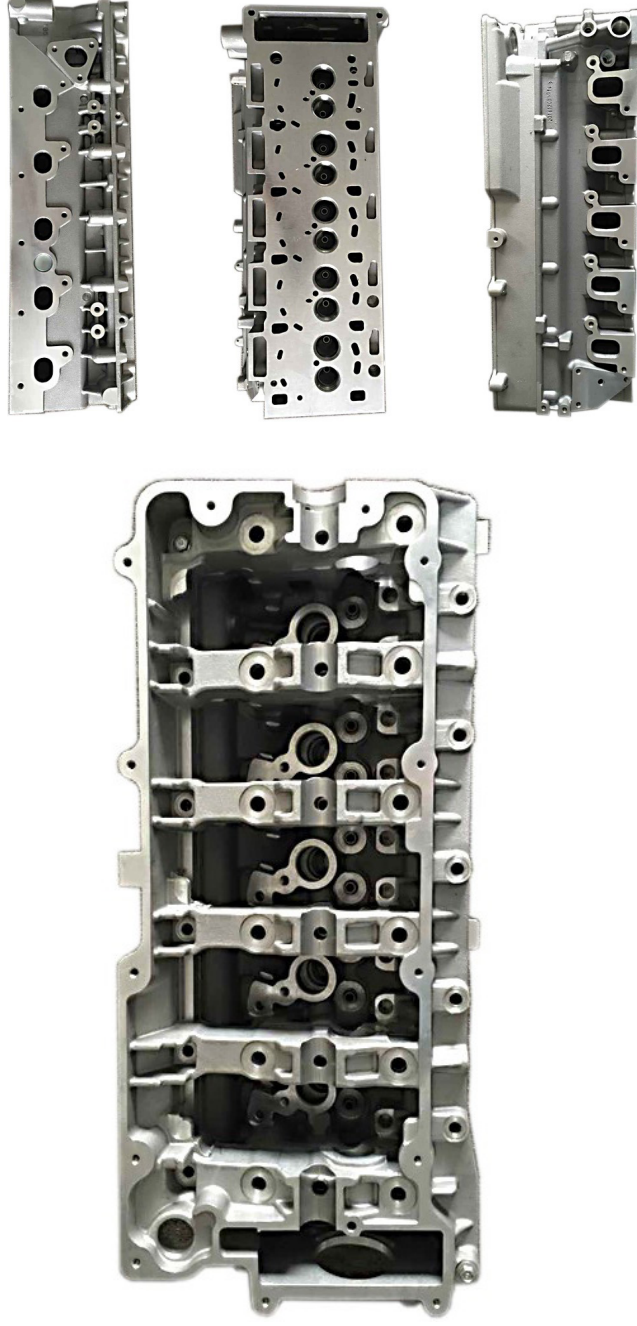
Exhaust Valve Head Diameter: 31.70MM

Total Valve Length: 105.70MM, 105.70MM

No. Valves Required: 10

No. Camshafts Required: 1

Important Notes:
Late Generation Design, Alternative Version BCH065



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1137	R	Inlet Valve	IV94359	R
Head Set	HS1137, HS1138, IK1137	R, W	Exhaust Valve	EV94360	R
Head Bolts	B1137	R	Valve Stem Seal	VSK1137	R
Rocker Cover Gasket	RC1138S	R	Rocker Arm/Follower	BFS148, BFS148S	R, W
Intake Manifold Gasket	IM1137	R	Oil Seals	OS1138, OS1139	R, W
Exhaust Manifold Gasket	EM1137	R	Glow Plugs	LP024, LP102	R, W

W See website catalogue
R Not included, but required

***** Included with Product
NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References

Manufacturer Reference

Landrover LDF500170



BCH067 Bare Cylinder Head

Product Information

For Vehicle Makes:

Alfa/Chevrolet/Citroen/Fiat/Ford/Opel/Vauxhall/Peugeot

For Engines:

A13DTC, A13DTE, A13DTR, B13DTR, Z13DTE, Z13DTJ, LDV, LSF, 169 A1.000, 169 A5.000, 199 A1.000, 199 A9.000, 199 B1.000, 225 A2.000, 312 A8.000, 312 B1.000, 312 B2.000, 330 A1.000

Parts Included:

Bare Cylinder Head Only

Technical Specifications

Inlet Valve Head Diameter: 21.90MM

Exhaust Valve Head Diameter: 21.90MM

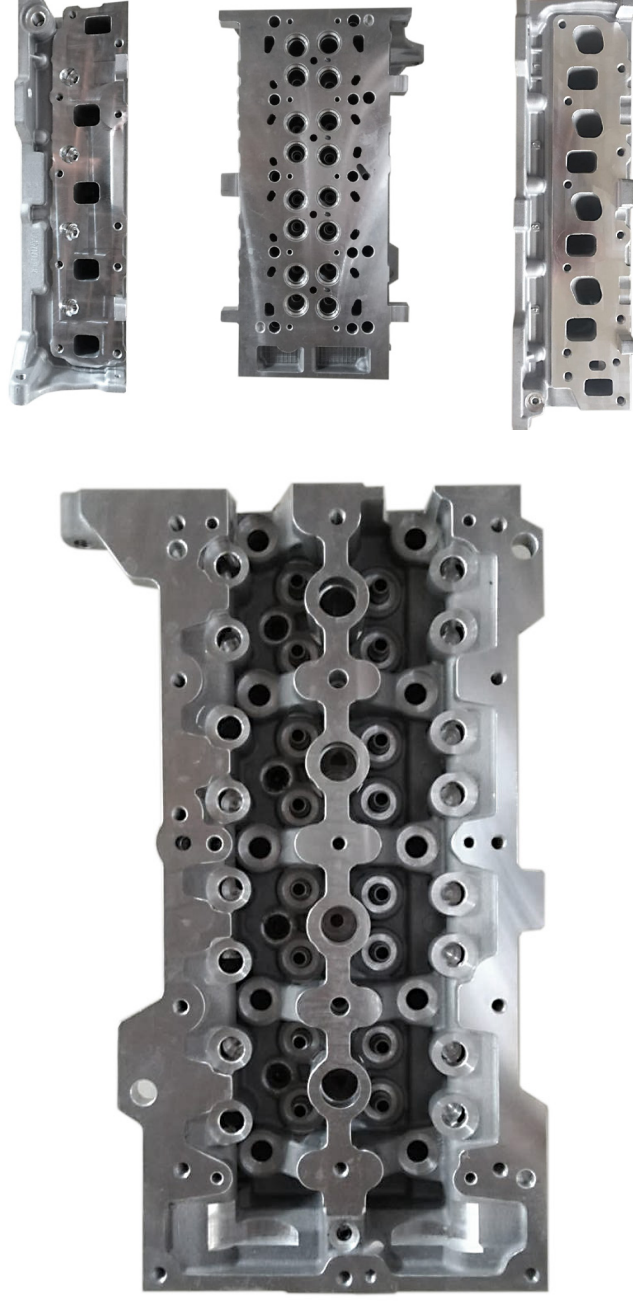
Total Valve Length: 109.20MM, 109.20MM

No. Valves Required: 16

No. Camshafts Required: 2

Important Notes:

Late Version, For Early Version see BCH011



Associated Parts in FAI Range

Product	Part Number	Notes	Product	Part Number	Notes
Head Gasket	HG1618B(T)	R, W	Inlet Valve	IV8930	R
Head Set	HS1618NH, HS1619NH	R, W	Exhaust Valve	EV8931	R
Head Bolts	B1321	R	Valve Stem Seal	VSK1006	R
Rocker Cover Gasket	RC1321S	R	Camshaft	C254, C255	R
Intake Manifold Gasket	IM1618, IM1619, IM1619K	R, W	Rocker Arm/Follower	R171S, BFS148, BFS148S	R, W
Exhaust Manifold Gasket	EM1321	R	Glow Plugs	LP098, LP136	R, W



W See website catalogue

R Not included, but required

Included with Product

NH No Head Gasket Included

T Choice of Gasket Thickness

Cross References	
Manufacturer	Reference
AMC	908558
Citroen/Peugeot	0200..JW
Fiat	71724174
Opel/Vauxhall	55206386

Application Guide



Alfa Romeo

Mito 1.3 Multijet 1248 10/09- D 199 B1.000, 330 A1.000 **BCH067** Late Generation Version

Audi

A1 (8X1 8XK) 1.6 TDI 1598 05/10- D CAYB, CAYC **BCH032**

A1 (8XA 8XF) 1.6 TDI 1598 11/11- D CAYB, CAYC **BCH032**

A3 (8L1) 1.9 TDI 1896 09/96-07/01 D AGR, AHF, ALH, ASV **BCH050** Vehicles with Hydraulic Followers/Lifters

1.9 TDI 1896 10/00-05/03 D ATD, AXR, ASZ **BCH028** Vehicles with Hydraulic Followers/Lifters

1.6 1595 05/03-08/12 P BGU, BSF, BSE **BCH057**

1.6 TDI 1598 05/09-08/12 D CAYB, CAYC **BCH032**

1.9 TDI 1896 05/03-05/10 D BKC, BLS, BXE **BCH028** Vehicles with Hydraulic Followers/Lifters

2.0 TDI 1968 05/03-08/12 D AZV, BKD, BUY, BMM **BCH025**

2.0 TDI 1968 05/03-08/12 D CFFA, CFFB, CFGB, CLJA **BCH029**

2.0 TDI 1968 06/05-06/08 D BMM **BCH028** Vehicles with Hydraulic Followers/Lifters

1.6 1595 09/08-05/10 P BSE **BCH057**

1.6 TDI 1598 05/09-05/13 D CAYC **BCH032**

1.9 TDI 1896 04/08-10/09 D BLS **BCH028** Vehicles with Hydraulic Followers/Lifters

2.0 TDI 1968 04/08-05/13 D CFFA, CFFB **BCH029**

1.6 1595 09/04-03/13 P BGU, BSF, BSE **BCH057**

1.6 TDI 1598 05/09-03/13 D CAYB, CAYC **BCH032**

1.9 TDI 1896 09/04-05/10 D BKC, BLS, BXE **BCH028** Vehicles with Hydraulic Followers/Lifters

2.0 TDI 1968 06/05-06/08 D BMM **BCH028** Vehicles with Hydraulic Followers/Lifters

2.0 TDI 1968 09/04-03/13 D AZV, BKD, BUY, BMM **BCH025**

2.0 TDI 1968 09/04-03/13 D CFFA, CFFB, CFGB, CLJA **BCH029**

1.6 1595 07/00-09/01 P ALZ **BCH057**

1.9 TDI 1896 03/00-09/01 D AJM, ATJ **BCH028** Vehicles with Hydraulic Followers/Lifters



Audi (continued)

A4 (B6)	1.6	1595	11/00-12/04	P	ALZ	BCH057	
	1.9 TDI	1896	05/01-12/04	D	AVB, AVF, AWW, BKE	BCH028	Vehicles with Hydraulic Followers/Lifters
A4 (B7)	1.6	1595	11/04-06/08	P	ALZ	BCH057	
	1.9 TDI	1896	11/04-06/08	D	BKE, BRB	BCH028	Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	11/04-03/09	D	BPW	BCH028	Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	11/04-06/08	D	BLB, BNA, BRD, BRE, BRF, BVF	BCH025	
A4 (B8)	2.0 TDI	1968	11/07-05/16	D	CGLC, CGLD, CJCA, CJCB, CMFA, CMGB	BCH029	
A5 (8F7)	2.0 TDI	1968	10/11-01/17	D	CGLC, CJCA	BCH029	
A5 (8T3)	2.0 TDI	1968	08/08-01/17	D	CGLC, CGLD	BCH029	
A5 (8TA)	2.0 TDI	1968	09/09-01/17	D	CGLC, CGLD, CJCA, CJCB, CMFA	BCH029	
A6 (C5)	1.9 TDI	1896	07/00-01/05	D	AJM, AVF, AWW	BCH028	Vehicles with Hydraulic Followers/Lifters
A6 (C6)	2.0 TDI	1968	07/04-08/11	D	BLB, BNA, BRE, BRF, BVG	BCH025	
A6 (C7)	2.0 TDI	1968	03/11-	D	CGLC, CGLD, CMGB	BCH029	
Q3	2.0 TDI	1968	06/11-	D	CFFA, CFFB, CFGC, CLJA, CLLB	BCH029	
Q5	2.0 TDI	1968	11/08-	D	CGLB, CGLC, CJCA, CJCB, CMGA, CMGB	BCH029	
TT	2.0 TDI quattro	1968	06/08-06/14	D	CFGB	BCH029	
BMW							
1 (F20)	114i	1598	11/11-	P	N13 B16 A	BCH052	
	116i	1598	12/10-	P	N13 B16 A	BCH052	
	118i	1598	11/10-	P	N13 B16 A	BCH052	
1 (F21)	114i	1598	12/11-	P	N13 B16 A	BCH052	
	116i	1598	12/11-	P	N13 B16 A	BCH052	
	118i	1598	07/12-	P	N13 B16 A	BCH052	
3 (F30, F80)	316i	1598	10/12-08/16	P	N13 B16 A	BCH052	
	320i	1598	04/12-06/16	P	N13 B16 A	BCH052	



Chevrolet

Aveo	1.3 D	1248	07/11-	D	LDV, LSF	BCH067	Late Generation Version
Cruze	1.7 TD	1686	08/13-	D	A 17 DTE	BCH010	CRD Engines

Chrysler

Sebring	2.0 CRD	1968	07/07-12/10	D	ECD	BCH025	
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Citroën

Berlingo	1.6 HDi	1560	07/05-	D	9HS (DV6TED4BU), 9HX (DV6ATED4), 9HZ (DV6TED4)	BCH026	
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C2	1.6 HDi	1560	09/05-	D	9HZ (DV6TED4)	BCH026	
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C3 I/II	1.6 HDi	1560	09/05-	D	9HX (DV6ATED4), 9HZ (DV6TED4)	BCH026	
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C3 Picasso	1.6 HDi	1560	02/09-	D	9HX (DV6ATED4), 9HZ (DV6TED4)	BCH026	
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C4	1.6 HDi	1560	11/04-07/11	D	9HX (DV6ATED4), 9HY (DV6ATED4), 9HZ (DV6TED4)	BCH026	
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C4 Grand Picasso I	1.6 HDi	1560	10/06-	D	9HY (DV6TED4), 9HZ (DV6TED4)	BCH026	
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C4 I	1.6 HDi	1560	11/04-07/11	D	9HX (DV6ATED4), 9HY (DV6ATED4), 9HZ (DV6TED4)	BCH026	
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C4 I/II	1.6	1598	07/08-	P	5FT (EP6DT), 5FX (EP6DT), 5FV (EP6CDT)	BCH052	
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C4 Picasso I	1.6 HDi	1560	02/07-08/13	D	9HY (DV6ATED4), 9HZ (DV6TED4)	BCH026	
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C5 II	1.6 HDi	1560	09/04-	D	9HY (DV6ATED4), 9HZ (DV6TED4)	BCH026	
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C5 III	1.6	1598	04/09-	P	5FV (EP6CDT)	BCH052	
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C5 III	1.6 HDi	1560	02/08-	D	9HZ (DV6TED4)	BCH026	
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Dispatch	1.6 HDi	1560	01/07-	D	9HU (DV6UTED4)	BCH026	
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DS3	1.6	1598	01/10-07/15	P	5FD (EP6DTS), 5FN (EP6CDT), 5FR (EP6DT), 5FV (EP6CDT), 5FX (EP6DT)	BCH052	
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DS4	1.6	1598	04/11-07/15	P	5FM (EP6DT), 5FU (EP6DTX), 5FV (EP6CDT)	BCH052	
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DS5	1.6	1598	11/11-07/15	P	5FU (EP6DTX), 5FV (EP6CDT)	BCH052	
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Nemo	1.3 HDi	1248	10/10-	D	FHZ (F13DTE5)	BCH067	Late Generation Version
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Relay	2.2 HDi 100/120	2198	04/06-	D	4HV (P22DTE), 4HU (P22DTE)	BCH021	CRD Engines, With Camshaft Sensor Hole
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Xsara Picasso	1.6 HDi	1560	05/04-	D	9HX (DV6ATED4), 9HY (DV6ATED4), 9HZ (DV6TED4)	BCH026	
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Decia										
Logan	1.5 dCi	1461	09/05-	D	K9K 790				BCH012	Late Generation Version
Dodge										
Avenger	2.0 CRD	1968	06/07-	D	ECD				BCH025	Late Generation Version
Caliber	2.0 CRD	1968	06/06-	D	ECD				BCH025	Late Generation Version
Fiat										
500/500 C/500 L	1.3 D Multijet	1248	10/07-	D	169 A1.000, 199 B1.000, 199 B4.000				BCH067	Late Generation Version
Doblo	1.3 D Multijet	1248	10/05-	D	199 A2.000, 199 A3.000, 263 A2.000,				BCH067	Late Generation Version
	1.3 D/JTD Multijet	1248	05/04-	D	188 A9.000, 199 A2.000, 199 A3.000, 223 A9.000				BCH011	Early Generation Version
	120/130 Multijet 23 D	2287	07/06-	D	F1AE0481D, F1AE0481N				BCH016	Early Generation Version
Ducato	140 Natural Power	2999	04/09-	P	F1CFA401A, F1CE0441A				BCH017	Early Generation Version
Fiorino	1.3 D Multijet	1248	11/07-	D	199 A2.000				BCH011	Early Generation Version
	1.3 D Multijet	1248	07/09-	D	199 A2.000, 199 A9.000, 199 B1.000, 330 A1.000				BCH067	Late Generation Version
	1.3 D Multijet	1248	10/05-	D	199 A2.000, 199 A3.000, 199 B2.000, 199 B4.000, 223 A9.000,				BCH067	Late Generation Version
Grande Punto	1.3 D Multijet	1248	10/05-	D	199 A2.000, 199 A3.000, 223 A9.000				BCH011	Early Generation Version
Idea	1.3 D Multijet	1248	01/04-	D	188 A9.000, 199 A3.000				BCH011	Early Generation Version
	1.3 D Multijet	1248	10/05-	D	199 A3.000, 199 B1.000				BCH067	Late Generation Version
	1.3 D Multijet	1248	06/07-	D	199 A3.000				BCH011	Early Generation Version
Linea	1.3 D Multijet	1248	06/07-	D	199 A3.000				BCH067	Late Generation Version
Panda	1.3 D Multijet	1248	01/06-	D	169 A1.000, 169 A5.000, 199 A1.000, 199 A9.000, 199 B1.000, 225 A2.000, 312 A8.000, 312 B1.000, 312 B2.000, 330 A1.000				BCH067	Late Generation Version
	1.3 D Multijet	1248	09/03-	D	188 A9.000				BCH011	Early Generation Version
	1.3 D Multijet	1248	04/08-	D	199 A2.000, 199 A3.000, 199 A9.000, 199 B1.000, 199 B4.000, 330 A1.000				BCH067	Late Generation Version
Punto	1.3 D/JTD Multijet	1248	06/03-	D	188 A9.000, 199 A2.000				BCH011	Early Generation Version



Fiat (continued)

Punto Evo	1.3 D Multijet	1248	07/08-	D	199 A2.000, 199 A3.000, 199 A9.000, 199 B1.000, 199 B4.000, 330 A1.000	BCH067	Late Generation Version
	1.3 D Multijet	1248	10/09-	D	199 A2.000, 199 A3.000, 223 A9.000	BCH011	Early Generation Version
Qubo	1.3 D Multijet	1248	02/08-	D	199 A2.000	BCH011	Early Generation Version
	1.3 D Multijet	1248	02/08-	D	199 A2.000, 199 A9.000, 199 B1.000	BCH067	Late Generation Version
Scudo	1.6 D Multijet	1560	01/07-	D	9HU	BCH026	
Siena	1.3 JTD	1248	09/03-	D	188 A9.000	BCH011	Early Generation Version
Strada	1.3 D Multijet	1248	05/06-	D	223 A9.000	BCH011	Early Generation Version
Strada/Tipo	1.3 D Multijet	1248	10/10-	D	199 B1.000	BCH067	Late Generation Version
Ford							
C-Max	1.6 TDCi	1560	02/07-09/10	D	HHDA, HHDB, GPDA, G8DA, G8DB, G8DD	BCH026	
Focus C-Max	1.6 TDCi	1560	10/03-03/07	D	HHDA, HHDB, G8DA, G8DB	BCH026	
Focus Mk II	1.6 TDCi	1560	07/04-09/12	D	G8DA, G8DB, G8DD, G8DE, G8DF, GPDA, GPDB, GPDC, HHDA, HHDB	BCH026	
Galaxy	1.9 TDI	1896	03/95-05/06	D	1Z, AHU, ANU, ASZ, AUY, BTB	BCH028	Vehicles with Hydraulic Followers/Lifters
	2.3	2261	09/07-06/15	P	SEWA	BCH053	
Ka	1.3 TDCi	1248	10/08-	D	FD4	BCH067	Late Generation Version
Mondeo IV	2.3	2261	07/07-09/14	P	SEBA	BCH053	
	2.5 D	2500	10/99-04/02	D	WL	BCH014	
	2.5 D	2500	10/99-04/02	D	WL	CCH014	Complete Cylinder Head
Ranger (Er Eq)	2.5 TD	2500	10/99-06/06	D	WL-T	BCH014	
	2.5 TD	2500	10/99-06/06	D	WL-T	CCH014	Complete Cylinder Head
	2.5 TDCi 4x4	2499	05/06-07/12	D	WLAA	BCH014	
Ranger (Et)	2.5 TDCi 4x4	2499	05/06-07/12	D	WLAA	CCH014	Complete Cylinder Head
	3.0 TDCi	2953	05/06-07/12	D	WEAT	BCH014	
	3.0 TDCi	2953	05/06-07/12	D	WEAT	CCH014	Complete Cylinder Head



Ford (continued)

Ranger (Pi)	2.5 TDDi	2500	11/06-03/09	D	WLAT	BCH009	Complete Cylinder Head
Ranger (Pk)	2.5 TDDi	2500	11/06-03/09	D	WLAT	CCH009	Complete Cylinder Head
Ranger (Tke)	2.5 TDDi	2500	03/09-11/11	D	WLAT	BCH009	Complete Cylinder Head
Ranger (Tke)	2.5 TDDi	2500	03/09-11/11	D	WLAT	CCH009	Complete Cylinder Head
Ranger (Tke)	2.2 TDCi	2198	04/11-	D	GBVAJPF, GBVAJQW, GBVAJQJ	BCH035	
S-Max	2.3	2261	07/07-12/14	P	SEWA	BCH053	
Transit	2.2 TDCi	2198	04/06-08/14	D	P8FA, QVFA, QWFA, SRFA	BCH021	CRD Engines, With Camshaft Sensor Hole
Transit	2.4 DI/TD/TDDi	2402	01/00-05/06	D	D2FA, D2FB, D2FE, D4FA, F4FA	BCH018	Non CRD Engines, W/O Camshaft Sensor Hole
Transit	2.4 TDCi	2402	03/04-05/06	D	H9FA	BCH019	CRD Engines, With Camshaft Sensor Hole
Transit	2.4 TDCi	2402	11/06-08/14	D	H9FB, H9FD, JXFA, JXFC, PHFA, PHFC	BCH020	CRD Engines, With Camshaft Sensor Hole
Transit	2.4 TDE	2402	07/01-05/06	D	DOFA, FXFA	BCH018	Non CRD Engines, W/O Camshaft Sensor Hole
Transit (RWD)	2.2 TDCi	2198	09/11-	D	CYRA, CYRB, CYRC, CVRA, CVRB, CVRC, DRRRA, DRRB, DRRC, USRA, USRB	BCH035	
Transit Tourneo	2.2 TDCi	2198	07/06-08/14	D	QVFA, QWFA, SRFA	BCH021	CRD Engines, With Camshaft Sensor Hole

Hyundai

Accent Mk II	1.5 CRDI	1496	01/02-11/05	D	D3EA	BCH055	3 Cylinder Engine
Accent Mk III	1.5 CRDI	1493	11/05-11/10	D	D4FA	BCH056	4 Cylinder Engine
Elantra	1.5 CRDI	1493	06/00-07/06	D	D4FA	BCH056	4 Cylinder Engine
Elantra	2.0 CRDI	1991	04/01-07/06	D	D4EA	BCH022	
Galloper I	2.5 TD	2477	08/91-07/98	D	4D56 T	BCH001	Crescent Pre-Chamber, Recessed Valve Design
Galloper I	2.5 TD	2477	08/91-07/98	D	4D56 T	CCH001	Crescent Pre-Chamber, Recessed Valve Design
Galloper I	2.5 TD	2477	08/91-07/98	D	4D56 T	BCH044	Rectangular Pre-Chamber, Protruding Valve Design
Galloper II	2.5 TD	2476	08/98-12/03	D	D4BA	BCH044	Rectangular Pre-Chamber, Protruding Valve Design
Galloper II	2.5 TD/TCI D	2476	08/98-12/03	D	D4BA, D4BH	BCH001	Crescent Pre-Chamber, Recessed Valve Design
Galloper II	2.5 TD/TCI D	2476	08/98-12/03	D	D4BA, D4BH	CCH001	Crescent Pre-Chamber, Recessed Valve Design



Hyundai (continued)

Getz	1.5 CRDI	1496	03/03-09/05	D	D3EA	BCH055	3 Cylinder Engine
	1.5 CRDI	1493	08/05-06/09	D	D4FA	BCH056	4 Cylinder Engine
Grace	2.5 D	2476	07/93-06/94	D	D4BA	BCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 D	2476	07/93-06/94	D	D4BA	CCH001	Crescent Pre-Chamber, Recessed Valve Design
Grandeur	2.2 CRDi	2188	06/06-12/11	D	D4EB	BCH022	
H-1 / Starex	2.5 TD/TCI	2476	03/00-12/07	D	D4BH	BCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 TD/TCI	2476	03/00-12/07	D	D4BH	CCH001	Crescent Pre-Chamber, Recessed Valve Design
H100	2.5 D	2477	07/93-03/00	D	D4BA	BCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 D	2477	07/93-03/00	D	D4BA	CCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 D	2477	07/93-10/01	D	D4BA, D4BX	BCH044	Rectangular Pre-Chamber, Protruding Valve Design
I10	1.1 CRDI	1120	01/08-12/11	D	D3FA	BCH059	
I20	1.1 CRDI	1120	03/12-	D	D3FA	BCH059	
I30	2.0 CRDI	1991	10/07-11/11	D	D4EA	BCH022	
I30 Cw	2.0 CRDi	1991	02/08-06/12	D	D4EA	BCH022	
Matrix	1.5 CRDI	1496	10/01-08/10	D	D3EA	BCH055	3 Cylinder Engine
	1.5 CRDI	1493	12/04-08/10	D	D4FA	BCH056	4 Cylinder Engine
Porter	2.5 D	2477	01/05-	D	D4BA	BCH044	Rectangular Pre-Chamber, Protruding Valve Design
	2.5 TD	2476	07/94-04/04	D	D4BA	BCH044	Rectangular Pre-Chamber, Protruding Valve Design
	2.5 TD	2476	07/94-04/04	D	D4BA, D4BH	BCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 TD	2476	07/94-04/04	D	D4BA, D4BH	CCH001	Crescent Pre-Chamber, Recessed Valve Design
Santa Fé I	2.0 CRDi	1991	04/01-03/06	D	D4EA	BCH022	
Santa Fé II	2.0 CRDI	1991	03/06-12/12	D	D4EA	BCH022	
	2.2 CRDi/GLS	2188	03/06-12/12	D	D4EB	BCH022	
Sonata V	2.0 CRDi	1991	02/06-12/10	D	D4EA	BCH022	



Hyundai (continued)

Terracan	2.5 TD	2476	06/01-12/06	D	D4BH	BCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 TD	2476	06/01-12/06	D	D4BH	CCH001	Crescent Pre-Chamber, Recessed Valve Design
Trajeto	2.0 CRDi	1991	04/01-07/08	D	D4EA	BCH022	
Tucson	2.0 CRDi	1991	08/04-03/10	D	D4EA, D4EA-V	BCH022	

Isuzu

Elf	3.1 TD	3059	01/98-12/01	D	4JG2	BCH038	
Trooper Mk I	2.8 TD	2772	10/87-12/91	D	4JB1-TC, 4JB1-T	BCH061	
Trooper Mk II	3.1 TD	3059	08/91-07/98	D	4JG2T	BCH038	

Iveco

Daily III	2.3 (29 L 10 V)	2287	09/02-07/07	D	F1AE0481A	BCH016	
	2.3 (35 C 10 V)	2287	09/02-07/07	D	F1AE0481A	BCH016	
	2.3 (35 S 10 V)	2287	09/02-07/07	D	F1AE0481A	BCH016	
	3.0 (35 C 14)	2998	09/04-04/06	D	F1CE0481A	BCH017	
	3.0 (40 C 14)	2998	09/04-04/06	D	F1CE0481A	BCH017	
	3.0 (45 C 14)	2998	07/99-04/06	D	F1CE0481A	BCH017	
	3.0 (50 C 14)	2998	09/04-04/06	D	F1CE0481A	BCH017	
	3.0 (65 C 14)	2998	09/04-04/06	D	F1CE0481A	BCH017	

Jeep

Compass	2.0 CRD	1968	08/06-	D	ECD	BCH025	
Grand Cherokee Mk II	2.7 CRD	2685	10/01-09/05	D	ENF	BCH042	
Patriot	2.0 CRD 4x4	1968	02/07-	D	ECD	BCH025	

Kia

Bongo	2.4 TDCi	2477	10/03-	D	D4BH	BCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.4 TDCi	2477	10/03-	D	D4BH	CCH001	Crescent Pre-Chamber, Recessed Valve Design
Cerato	1.5 CRDi	1493	07/05-	D	D4FA	BCH056	4 Cylinder Engine





Kia (continued)

K2500	2.5 D	2476	01/03-	D	D4BH	BCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 D	2476	01/03-	D	D4BH	CCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 D	2476	01/03-	D	D4BH	BCH044	Rectangular Pre-Chamber, Protruding Valve Design

Picanto

1.1 CRDI	1120	11/05-	D	D3FA	BCH059	
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Pregio

2.5 D/TCi D	2476	08/95-	D	D4BH	BCH001	Crescent Pre-Chamber, Recessed Valve Design
2.5 D/TCi D	2476	08/95-	D	D4BH	CCH001	Crescent Pre-Chamber, Recessed Valve Design
2.5 TCi D	2476	09/02-	D	D4BH	BCH044	Rectangular Pre-Chamber, Protruding Valve Design

Rio Mk II

1.5 CRDI	1493	03/05-	D	D4FA	BCH056	4 Cylinder Engine
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Rio Mk III

1.1 CRDI	1120	09/11-	D	D3FA	BCH059	
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Sportage

2.0 CRDI	1991	01/06-	D	D4EA-V	BCH022	
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Lancia

Musa

1.3 D Multijet	1248	03/09-09/12	D	199 B1.000	BCH067	Late Generation Version
1.3 D Multijet	1248	10/04-09/12	D	188 A9.000, 199 A3.000	BCH011	Early Generation Version

Ypsilon

1.3 D Multijet	1248	05/11-	D	199 B1.000, 312 B1.000	BCH067	Late Generation Version
1.3 D/JTD Multijet	1248	10/03-12/11	D	188 A9.000, 199 A3.000	BCH011	Early Generation Version

Land Rover

BCH035

2.2 Td4 2198 05/12-02/16 D ID4

Defender

2.4 Td4	2402	05/07-02/16	D	ZSD-424	BCH020	CRD Engines, With Camshaft Sensor Hole
2.5 TD5	2495	06/98-02/16	D	10 P, 14 P, 15 P, TD5	BCH065	Early Generation Version
2.5 TD5	2495	06/98-02/16	D	10 P, 14 P, 15 P, TD5	BCH066	Late Generation Version

Discovery Mk II

2.5 TD5	2495	01/99-06/04	D	10 P, 15 P, TD5	BCH065	Early Generation Head
2.5 TD5	2495	01/99-06/04	D	10 P, 15 P, TD5	BCH066	Late Generation Head

Freelander

BCH054 1.8 1796 02/98-10/06 P 18K4F Non-VVC Engines.



Lotus

Elise 1.8 1796 08/95- P 18K4F, 18K16 **BCH054** Non-VVC Engines.

Mazda

3 1.6 DI Turbo/MZR CD 1560 06/04- D Y601, Y642 **BCH026**

Bongo

2.5 TD 2499 06/95-10/01 D WL-T **BCH014**

2.5 TD 2499 06/95-10/01 D WL-T **CCH014**

2.5 D 2500 12/02-11/06 D WLE7 **BCH014**

2.5 D 2500 12/02-11/06 D WLE7 **CCH014**

B-Series

2.5 MRZ-CD 2499 12/06-12/15 D WLAA **BCH009**

2.5 MRZ-CD 2499 12/06-12/15 D WLAA **CCH009**

3.0 CDVi 2953 12/06-12/15 D WEAT **BCH009**

3.0 CDVi 2953 12/06-12/15 D WEAT **CCH009**

Mercedes Benz

C 200 CDI 2148 03/03-05/08 D OM 646.962 **BCH041** W/O ID. Holes, see OE Numbers

C 220 CDI 2148 02/04-05/08 D OM 646.963 **BCH041** W/O ID. Holes, see OE Numbers

C 220 CDI 2148 03/01-01/04 D OM 611.962 **BCH043** W/O ID. Holes, From Engines 30128576/40068034 ->

C 200 T CDI 2151 03/98-03/01 D OM 611.960 **BCH040** W/O ID. Holes, Up to Engines -> 30128575/40068033

C 200 T CDI 2151 03/98-03/01 D OM 611.960 **BCH043** W/O ID. Hole, From Engines 30128576/40068034 ->

C 220 T CDI 2151 09/97-03/01 D OM 611.960 **BCH040** W/O ID. Holes, Up to Engines -> 30128575/40068033

C 220 T CDI 2151 09/97-03/01 D OM 611.960 **BCH043** W/O ID. Holes, From Engines 30128576/40068034 ->

C-Class (S202)



Mercedes Benz (continued)

C 200 CDI	2148	03/01-08/07	D	OM 611.962	W/O ID. Holes, From Engines 30128576/40068034 ->	BCH043
C 200 CDI	2148	03/01-08/07	D	OM 611.962, OM 646.962	W/O ID. Holes, From Engines 30128576/40068034 ->	BCH043
C 200 CDI	2148	03/01-08/07	D	OM 646.962, OM 611.962	W/O ID. Holes, see OE Numbers	BCH041
C 220 CDI	2149	02/04-08/07	D	OM 646.963	W/O ID. Holes, see OE Numbers	BCH041
C 220 CDI	2148	03/01-08/07	D	OM 611.962	W/O ID. Holes, From Engines 30128576/40068034 ->	BCH043
C 270 CDI	2685	03/01-08/07	D	OM 612.962		BCH042

C-Class (S203)

C 200 CDI	2151	03/98-05/00	D	OM 611.960	W/O ID. Holes, Up to Engines -> 30128575/40068033	BCH040
C 200 CDI	2151	03/98-05/00	D	OM 611.960	W/O ID. Holes, From Engines 30128576/40068034 ->	BCH043
C 220 CDI	2151	09/97-05/00	D	OM 611.960	W/O ID. Holes, Up to Engines -> 30128575/40068033	BCH040
C 220 CDI	2151	09/97-05/00	D	OM 611.960	W/O ID. Holes, From Engines 30128576/40068034 ->	BCH043
C 200 CDI	2148	02/01-02/07	D	OM 646.962	W/O ID. Holes, see OE Numbers	BCH041
C 200 CDI	2148	09/00-02/07	D	OM 611.962	W/O ID. Holes, From Engines 30128576/40068034 ->	BCH043

C-Class (W203)

C 220 CDI	2148	05/00-02/07	D	OM 611.962, OM 646.963	W/O ID. Holes, From Engines 30128576/40068034 ->	BCH043
C 220 CDI	2148	05/00-02/07	D	OM 646.963, OM 611.962	W/O ID. Holes, see OE Numbers	BCH041
C 270 CDI	2685	12/00-02/07	D	OM 612.962		BCH042

Clc-Class (C1203)

CLC 200 CDI	2148	05/08-06/11	D	OM 646.962	W/O ID. Holes, see OE Numbers	BCH041
CLC 220 CDI	2148	05/08-06/11	D	OM 646.963	W/O ID. Holes, see OE Numbers	BCH041
220 CDI	2148	01/05-05/09	D	OM 646.966	W/O ID. Holes, see OE Numbers	BCH041
270 CDI	2685	10/02-05/09	D	OM 612.962, OM 612.967		BCH042

Clk (C209)



Mercedes Benz (continued)

E-Class (S210)	E 220 T CDI	2151	06/98-03/03	D	OM 611.961	BCH040	W/O ID. Holes, Up to Engines -> 30128575/40068033
	E 220 T CDI	2151	06/98-03/03	D	OM 611.961	BCH043	W/O ID. Holes, From Engines 30128576/40068034 ->
	E 270 T CDI	2685	07/99-03/03	D	OM 612.961	BCH042	
E-Class (S211)	E 220/T CDI	2148	03/03-07/09	D	OM 646.961	BCH041	W/O ID. Holes, see OE Numbers
	E 200 CDI	2151	06/98-03/02	D	OM 611.961	BCH040	W/O ID. Holes, Up to Engines -> 30128575/40068033
	E 200 CDI	2151	06/98-03/02	D	OM 611.961	BCH043	W/O ID. Holes, From Engines 30128576/40068034 ->
E-Class (W210)	E 220 CDI	2151	06/98-03/02	D	OM 611.961	BCH040	W/O ID. Holes, Up to Engines -> 30128575/40068033
	E 220 CDI	2151	06/98-03/02	D	OM 611.961	BCH043	W/O ID. Holes, From Engines 30128576/40068034 ->
	E 270 CDI	2685	07/99-03/02	D	OM 612.961	BCH042	
E-Class (W211)	E 200 CDI	2148	07/02-12/08	D	OM 646.951	BCH041	W/O ID. Holes, see OE Numbers
	E 220 CDI	2148	03/02-12/08	D	OM 646.961	BCH041	W/O ID. Holes, see OE Numbers
	G 270 CDI	2685	10/01-	D	OM 612.965	BCH042	
M-Class (W163)	ML 270 CDI	2685	12/99-06/05	D	OM 612.963	BCH042	
	208 CDI	2148	04/00-05/06	D	OM 611.987	BCH039	With 2 ID. Drill Holes
	211 CDI	2148	04/00-05/06	D	OM 611.981	BCH039	With 2 ID. Drill Holes
Sprinter 2-T	211 CDI	2148	04/00-05/06	D	OM 611.981	BCH043	W/O ID. Holes, From Engines 30128576/40068034 ->
	213 CDI	2148	04/00-05/06	D	OM 611.981	BCH039	With 2 ID. Drill Holes
	213 CDI	2148	04/00-05/06	D	OM 611.981	BCH043	W/O ID. Holes, From Engines 30128576/40068034 ->



Mercedes Benz (continued)

Sprinter 35-T	309 CDI	2148	06/06-12/09	D	OM 646.984	BCH041	W/O ID. Holes, see OE Numbers
	311 CDI	2148	06/06-12/09	D	OM 646.985	BCH041	W/O ID. Holes, see OE Numbers
	313 CDI	2148	06/06-	D	OM 646.986	BCH041	W/O ID. Holes, see OE Numbers
	315 CDI	2148	06/06-12/09	D	OM 646.986, OM 646.989, OM 646.990	BCH041	W/O ID. Holes, see OE Numbers
	308 CDI	2148	04/00-05/06	D	OM 611.987	BCH039	With 2 ID. Drill Holes
	311 CDI	2148	04/00-05/06	D	OM 611.981	BCH039	With 2 ID. Drill Holes
	311 CDI	2148	04/00-05/06	D	OM 611.981	BCH043	W/O ID. Holes, From Engines 30128576/40068034 ->
	313 CDI	2148	04/00-05/06	D	OM 611.981	BCH039	With 2 ID. Drill Holes
	313 CDI	2148	04/00-05/06	D	OM 611.981	BCH043	W/O ID. Holes, From Engines 30128576/40068034 ->
	209 CDI	2148	06/06-12/09	D	OM 646.984	BCH041	W/O ID. Holes, see OE Numbers
	211 CDI	2148	06/06-12/09	D	OM 646.985	BCH041	W/O ID. Holes, see OE Numbers
	213 CDI	2148	06/06-12/09	D	OM 646.986	BCH041	W/O ID. Holes, see OE Numbers
	215 CDI	2148	06/06-12/09	D	OM 646.986, OM 646.989, OM 646.990	BCH041	W/O ID. Holes, see OE Numbers
	411 CDI	2148	06/09-12/09	D	OM 646.985	BCH041	W/O ID. Holes, see OE Numbers
Sprinter 46-T	413 CDI	2148	06/06-05/16	D	OM 646.986	BCH041	W/O ID. Holes, see OE Numbers
	415 CDI	2148	06/06-12/09	D	OM 646.989, OM 646.990	BCH041	W/O ID. Holes, see OE Numbers
	408 CDI	2148	04/00-05/06	D	OM 611.987	BCH039	With 2 ID. Drill Holes
	411 CDI	2148	04/00-05/06	D	OM 611.981	BCH039	With 2 ID. Drill Holes
	411 CDI	2148	04/00-05/06	D	OM 611.981	BCH043	W/O ID. Holes, From Engines 30128576/40068034 ->
Sprinter 4-T	413 CDI	2148	04/00-05/06	D	OM 611.981	BCH039	With 2 ID. Drill Holes
	413 CDI	2148	04/00-05/06	D	OM 611.981	BCH043	W/O ID. Holes, From Engines 30128576/40068034 ->



Mercedes Benz (continued)

Sprinter 5-T	509 CDI	2148	06/06-12/09	D	OM 646.984	BCH041	W/O ID. Holes, see OE Numbers
	511 CDI	2148	06/06-12/09	D	OM 646.985	BCH041	W/O ID. Holes, see OE Numbers
	513 CDI	2148	06/06-	D	OM 646.986	BCH041	W/O ID. Holes, see OE Numbers
	515 CDI	2148	06/06-12/09	D	OM 646.986, OM 646.989, OM 646.990	BCH041	W/O ID. Holes, see OE Numbers
V-Class	V 200 CDI	2151	03/99-07/03	D	OM 611.980	BCH039	With 2 ID. Drill Holes
	V 220 CDI	2151	03/99-07/03	D	OM 611.980	BCH039	With 2 ID. Drill Holes
	V 230 TD	2299	09/96-07/03	D	OM 601.970	BCH062	W/O Pre Combustion Chambers
Viano (W639)	CDI 2.2	2148	09/03-	D	OM 646.980, OM 646.982	BCH041	W/O ID. Holes, see OE Numbers
	110 TD	2299	02/96-07/03	D	OM 601.970	BCH062	W/O Pre Combustion Chambers
Vito	112 CDI 2.2	2151	03/99-07/03	D	OM 611.980	BCH039	With 2 ID. Drill Holes
	109 CDI	2148	09/03-	D	OM 646.980, OM 646.981, OM 646.983	BCH041	W/O ID. Holes, see OE Numbers
Vito/Mixto (W639)	111 CDI	2148	09/03-	D	OM 646.980, OM 646.982	BCH041	W/O ID. Holes, see OE Numbers
	115 CDI	2148	09/03-	D	OM 646.980, OM 646.982	BCH041	W/O ID. Holes, see OE Numbers
MG							
MGF	1.8	1796	03/95-03/02	P	18K4K, 18K4F	BCH054	Non-VVC Engines.
TF	120/135/160	1796	03/02-12/09	P	18K4F, 18K4K	BCH054	Non-VVC Engines.
ZR	160	1796	06/01-04/05	P	18K4K	BCH054	Non-VVC Engines.
ZT	1.8	1796	01/03-07/05	P	18K4G	BCH054	Non-VVC Engines.
Mini							
Cooper/ Cooper S/ One (R50, R52, R53)	1.6	1598	06/01-11/07	P	W10 B16, W11 B16	BCH058	
Cooper/ One (R55, R56, R57, R58, R59, R60, R61)	1.6	1598	10/06-09/16	P	N14 B16 A, N14 B16 C, N18 B16 A, N18 B16 C	BCH052	
Cooper D/ One D (R55, R56)	Cooper D	1560	11/06-09/10	D	9HZ (DV6TED4)	BCH026	



Mitsubishi

Generation 3C11	2977	08.06-	D	4M42-0AT, 4M42-3AT1	BCH045
Generation 3C13	2977	10.01-	D	4M42-0AT	BCH045
Generation 3C15	2977	06.06-11.10	D	4M42-3AT4	BCH045
Generation Canter 35	2977	09.01-	D	4M42-0AT	BCH045
Generation Canter 55	2977	09.01-	D	4M42-0AT	BCH045
Generation FE130C1	2977	09.01-	D	4M42-0AT	BCH045
2.5 TD	2477	11/97-	D	4D56 T	BCH001 Crescent Pre-Chamber, Recessed Valve Design
2.5 TD	2477	11/97-	D	4D56 T	CCH001 Crescent Pre-Chamber, Recessed Valve Design
2.5 TD	2477	11/97-	D	4D56 T	BCH044 Rectangular Pre-Chamber, Protruding Valve Design
2.8 TDi	2835	11/98-	D	4M40-T	BCH004 Rectangular Pre-Chamber
2.8 TDi	2835	11/98-	D	4M40-T	CCH004 Rectangular Pre-Chamber
2.0 Di-D	1968	09/05-	D	BSY, BWC	BCH025
2.5 D	2477	12/87-12/07	D	4D56	BCH044 Rectangular Pre-Chamber, Protruding Valve Design
2.5 D/TD	2476	11/86-12/07	D	4D56, 4D56 T	BCH001 Crescent Pre-Chamber, Recessed Valve Design
2.5 D/TD	2476	11/86-12/07	D	4D56, 4D56 T	CCH001 Crescent Pre-Chamber, Recessed Valve Design
2.5 TD	2477	11/92-12/07	D	4D56 T	BCH044 Rectangular Pre-Chamber, Protruding Valve Design
2.8 TD	2835	04/03-06/06	D	4M40-T	BCH004 Rectangular Pre-Chamber
2.8 TD	2835	04/03-06/06	D	4M40-T	CCH004 Rectangular Pre-Chamber
2.5 Di-D/DiD	2477	11/05-	D	4D56 HP	BCH007
2.5 D/TD	2477	11/86-02/06	D	4D56, 4D56 T	BCH001 Crescent Pre-Chamber, Recessed Valve Design
2.5 D/TD	2477	11/86-02/06	D	4D56, 4D56 T	CCH001 Crescent Pre-Chamber, Recessed Valve Design
2.5 D/TD	2477	11/86-02/06	D	4D56, 4D56 T	BCH044 Rectangular Pre-Chamber, Protruding Valve Design



Mitsubishi (continued)

L 400	2500 TD	2477	05/95-06/05	D	4D56 T	BCH044	Rectangular Pre-Chamber, Protruding Valve Design
	2500 TD	2477	09/96-06/05	D	4D56 T	BCH001	Crescent Pre-Chamber, Recessed Valve Design
	2500 TD	2477	09/96-06/05	D	4D56 T	CCH001	Crescent Pre-Chamber, Recessed Valve Design
Lancer	2.0 DI-D	1968	01/08-	D	BWC, BKD	BCH025	
	2.0 DI-D	1968	02/07-11/12	D	BSY	BCH025	
Pajero Sport II	2.5 DI-D	2477	07/08-	D	4D56 HP	BCH007	
	2.5 TD	2477	05/86-12/91	D	4D56 T	BCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 TD	2477	05/86-12/91	D	4D56 T	CCH001	Crescent Pre-Chamber, Recessed Valve Design
Pajero/Shogun II	2.5 TD	2477	05/86-12/91	D	4D56 T	BCH044	Rectangular Pre-Chamber, Protruding Valve Design
	2.8 TD	2835	06/94-10/99	D	4M40-T	BCH004	Rectangular Pre-Chamber
	2.8 TD	2835	06/94-10/99	D	4M40-T	CCH004	Rectangular Pre-Chamber
Pajero/Shogun III	2.5 TDI	2477	04/00-12/06	D	4D56 T	BCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 TDI	2477	04/00-12/06	D	4D56 T	CCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 TDI	2477	04/00-12/06	D	4D56 T	BCH044	Rectangular Pre-Chamber, Protruding Valve Design
Pajero/Shogun IV	3.2 Di-D	3200	04/00-12/06	D	4M41	BCH046	
	3.2 DI-D/TD/GLS	3200	11/06-	D	4M41	BCH046	
Shogun Sport Van I	2.5 TD	2477	12/99-01/08	D	4D56 T	BCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 TD	2477	12/99-01/08	D	4D56 T	CCH001	Crescent Pre-Chamber, Recessed Valve Design
	2.5 TD	2477	12/99-01/08	D	4D56 T	BCH044	Rectangular Pre-Chamber, Protruding Valve Design
Nissan							
Almera II (N16)	2.2 Di/dCi	2184	03/00-	D	YD22DDT	BCH005	Non CRD Engines
Almera Tino (V10)	2.2 dCi	2184	09/03-	D	YD22DDT	BCH005	Non CRD Engines
Bassara	2.5 DCi	2488	11/99-08/03	D	YD25DDTi	BCH005	Non CRD Engines



Nissan (continued)

Cabstar (F23)	2.5 dCi	2488	01/10-09/11	D	YD25DDTi	BCH037	Only production year 01/2010 onwards
Cabstar (F24)	2.5 Dci	2488	01/10-12/13	D	YD25DDTi, YD25K3LD-5M	BCH037	Only production year 01/2010 onwards
Kubistar	1.6	1598	08/03-	P	K4M 752	BCH063	
	1.5 dCi	1461	08/03-	D	K9K 700, K9K 704, K9K 710	BCH012	
Micra Mk III	1.5 dCi	1461	01/03-06/10	D	K9K 704	BCH012	
Murano II (Z51)	2.5 dCi 4x4	2488	01/10-09/14	D	YD25DDTi	BCH037	Only production year 01/2010 onwards
Murano III (Z52)	2.5 dCi	2488	10/14-	D	YD25DDTi	BCH037	Only production year 01/2010 onwards
Note	1.5 dCi	1461	03/06-06/12	D	K9K 700	BCH012	
Np300/Navara (D22)	2.5 D/Di/dCi	2488	11/01-	D	YD25DDTi	BCH005	Non CRD Engines
	2.5 D/Di/dCi 4x4	2488	01/10-	D	YD25DDTi	BCH037	Only production year 01/2010 onwards
	2.5 dCi	2488	04/08-	D	YD25DDTi	BCH006	CRD Engines
Np300/Navara (D40)	2.5 dCi	2488	01/10-	D	YD25DDTi	BCH037	Only production year 01/2010 onwards
	2.5 dCi	2488	07/05-	D	YD25DDTi	BCH005	Non CRD Engines
	2.5 dCi	2488	07/05-	D	YD25DDTi	BCH006	CRD Engines
Pathfinder III (R51)	2.5 dCi	2488	01/05-	D	YD25DDTi	BCH005	Non CRD Engines
	2.5 dCi	2488	01/10-	D	YD25DDTi	BCH037	Only production year 01/2010 onwards
	2.5 dCi 4WD	2488	03/05-	D	YD25DDTi	BCH006	CRD Engines
Pathfinder IV (R52)	2.5 dCi 4WD	2488	09/12-	D	YD25DDTi	BCH037	Only production year 01/2010 onwards
Primera (Wp12, P12)	2.2 Di/dCi	2184	03/02-	D	YD22DDT	BCH005	Non CRD Engines
Serena (C24)	2.5 DCi SGX	2488	06/99-09/05	D	YD25DDTi	BCH005	Non CRD Engines
X-Trail (T30)	2.2 Di 4x4	2184	07/01-10/05	D	YD22ETI	BCH005	Non CRD Engines
	2.2 Di 4x4	2184	07/01-10/05	D	YD22ETI	BCH006	CRD Engines



Opel/Vauxhall

Agila Mk I (A)	1.3 CDTI	1248	08/03-12/07	D	Z 13 DT	BCH011	Early Generation Version
Agila Mk II (B)	1.3 CDTI	1248	01/08-11/14	D	D13A, Z 13 DTJ	BCH067	Late Generation Head
Arena	1.3 CDTI	1248	04/08-	D	Z 13 DTJ	BCH011	Early Generation Version
Astra Gtc Mk VI (J)	1.9 D	1870	03/98-08/01	D	F8Q 600, F8Q 606	BCH051	
Astra Mk IV (G)	1.7 CDTI	1686	10/11-	D	A 17 DTC, A 17 DTE, A 17 DTF, A 17 DTJ, A 17 DTS	BCH010	CRD Engines
	1.7 CDTI	1686	04/03-07/09	D	Z 17 DTL	BCH010	CRD Engines
	1.7 DTI 16V	1686	02/00-08/06	D	Y 17 DT	BCH047	Non CRD Engines
Astra Mk V (H)	1.3 CDTI	1248	08/04-11/10	D	Z 13 DTH	BCH011	Early Generation Version
	1.7 CDTI	1686	03/04-05/14	D	A 17 DTJ, A 17 DTR, Z 17 DTH, Z 17 DTJ, Z 17 DTL, Z 17 DTR	BCH010	CRD Engines
Astra Mk VI (J)	1.3 CDTI	1248	12/09-	D	A 13 DTE	BCH067	Late Generation Head
	1.7 CDTI	1686	12/09-	D	A 17 DTC, A 17 DTE, A 17 DTF, A 17 DTJ, A 17 DTR, A 17 DTS	BCH010	CRD Engines
Brava	3.1 D	3059	07/91-07/01	D	4JG2T	BCH038	
Campo	3.1 TD	3059	12/92-06/01	D	4JG2T	BCH038	
Combo II (C)	1.3 CDTI	1248	10/05-02/12	D	Z 13 DTJ	BCH067	Late Generation Head
	1.3 CDTI 16V	1248	09/04-	D	Z 13 DT, Z 13 DTJ	BCH011	Early Generation Version
	1.7 CDTI 16V	1686	12/04-	D	Z 17 DTH	BCH010	CRD Engines
	1.7 DI/DTI 16V	1686	10/01-	D	Y 17 DT, Y 17 DTL	BCH047	Non CRD Engines
Combo Tour II (C)	1.3 CDTI 16V	1248	09/04-	D	Z 13 DT, Z 13 DTJ, Y 13 DT	BCH011	Early Generation Version
	1.7 CDTI 16V	1686	12/04-	D	Z 17 DTH	BCH010	CRD Engines
	1.7 DI/DTI 16V	1686	09/01-	D	Y 17 DT, Y 17 DTL	BCH047	Non CRD Engines
Corsa II (C)	1.3 CDTI	1248	06/03-	D	Z 13 DT, Z 13 DTJ	BCH011	Early Generation Version
	1.3 CDTI	1248	09/05-09-06	D	Z 13 DTJ	BCH067	Late Generation Head
	1.7 CDTI	1686	08/00-	D	Z 17 DTH	BCH010	CRD Engines
	1.7 DI/DTI 16V	1686	09/00-	D	Y 17 DT, Y 17 DTL	BCH047	Non CRD Engines



Opel/Vauxhall (continued)

Corsa III (D)	1.3 CDTI	1248	07/06-	D	A 13 DTC, A 13 DTE, A 13 DTR, B 13 DTR, Z 13 DTE, Z 13 DTJ	BCH067	Late Generation Head
	1.3 CDTI	1248	07/06-	D	Z 13 DTJ, Z 13 DTH	BCH011	Early Generation Version
Corsavan II (C)	1.3 CDTI 16V	1248	04/04-06/06	D	Z 13 DT	BCH011	Early Generation Version
	1.3 CDTI	1248	07/06-	D	Z 13 DTJ, Z 13 DTH	BCH011	Early Generation Version
Frontera I (A)	2.8 TD	2771	03/95-10/98	D	28 TDI (4JB1-T)	BCH061	
	1.3 CDTI	1248	01/03-05/10	D	Z 13 DT, Z 13 DTJ	BCH011	Early Generation Version
Meriva Mk I (A)	1.3 CDTI	1248	01/03-10/09	D	Z 13 DTJ	BCH067	Late Generation Head
	1.7 CDTI	1686	09/03-05/10	D	A 17 DTR, Z 17 DTH, Z 17 DTR	BCH010	CRD Engines
	1.7 DTI 16V	1686	06/03-06/10	D	Y 17 DT	BCH047	Non CRD Engines
	1.3 CDTI	1248	06/10-	D	A 13 DTC, A 13 DTE	BCH067	Late Generation Head
Monterey	3.1 TD	3059	09/91-07/98	D	4JG2TC	BCH038	
Tigra Twintop	1.3 CDTI	1248	06/04-	D	Z 13 DT	BCH011	Early Generation Version
Zafira Mk II (B)	1.7 CDTI	1686	01/08-	D	A 17 DTJ, A 17 DTR, Z 17 DTJ	BCH010	CRD Engines
Peugeot							
206	1.6 Hdi	1560	05/04-	D	9HZ (DV6TED4), 9HY (DV6TED4)	BCH026	
207	1.6	1598	02/06-	P	EP6CDT, 5FR (EP6DT), 5FY (EP6DTS), 5FX (EP6DT)	BCH052	
207	1.6 HDi	1560	02/06-	D	9HZ (DV6TED4), 9HY (DV6TED4)	BCH026	
307	1.6 HDi	1560	02/04-	D	9HV (DV6ATED4), 9HX (DV6ATED4), 9HY (DV6ATED4), 9HZ (DV6ATED4)	BCH026	
308	1.6	1598	06/09-	P	EP6CDT, EP6CDTX, 5FT (EP6DT), 5FX (EP6DT), 5FY (EP6DTS)	BCH052	
407	1.6 HDi	1560	09/07-	D	9HV (DV6ATED4), 9HX (DV6ATED4), 9HZ (DV6ATED4)	BCH026	
508	1.6	1598	05/04-	D	9HZ (DV6TED4)	BCH026	
			09/09-	P	EP6CDT, 5FX (EP6DT)	BCH052	



Peugeot (continued)

1007	1.6 HDi	1560	06/07-	D	9HZ (DV6TED4)	BCH026
3008	1.6	1598	06/09-	P	EP6, 5FS (EP6C), 5FV (EP6DT), 5FX (EP6DT)	BCH052
	1.6 HDi	1560	06/09-	D	9HZ (DV6TED4)	BCH026
5008	1.6	1598	09/09-	P	EP6CDT	BCH052
	1.6 HDi	1560	09/09-	D	9HZ (DV6TED4)	BCH026
Bipper	1.3 HDi	1248	10/10-	D	199 A9.000, FHZ (F13DTE5)	BCH067 Late Generation Head
Boxer	2.2 HDi 100/120	2198	04/06-	D	4HV (P22DTE), 4HU (P22DTE)	BCH021 CRD Engines, With Camshaft Sensor Hole
Partner	1.6 HDi	1560	02/06-	D	9HN (DV6ETED4), 9HT (DV6BTED4), 9HW (DV6BTED4), 9HZ (DV6TED4)	BCH026
RCZ	1.6	1598	03/10-	P	EP6CDT, EP6CDTX	BCH052
Renault						
	1.4	1390	02/10-	P	K4J 780	BCH063
Clio Grandtour	1.5 dCi	1461	02/10-	D	K9K 752	BCH012
	1.6	1598	02/08-	P	K4M 800, K4M 801, K4M 862	BCH063
Clio Mk I	1.9 D	1870	05/96-02/98	D	F8Q 632, F8Q 676, F8Q 696, F8Q 714	BCH051
	1.4	1390	10/99-	P	K4J 710, K4J 711, K4J 712, K4J 713	BCH063
	1.5 dCi	1461	06/01-	D	K9K 700, K9K 702, K9K 704, K9K 710, K9K 712	BCH012
	1.6	1598	09/98-	P	K4M 740, K4M 742, K4M 743, K4M 744, K4M 745, K4M 748	BCH063
	1.9 D	1870	09/98-	D	F8Q 630, F8Q 632	BCH051
	1.4	1390	06/05-	P	K4J 780	BCH063
Clio Mk III	1.5 dCi	1461	05/05-	D	K9K 750, K9K 752	BCH012
	1.6	1598	06/05-	P	K4M 800, K4M 801, K4M 804, K4M 862	BCH063
Fluence	1.6	1598	02/10-	P	K4M 838, K4M 839	BCH063
	1.5 dCi	1461	04/04-	D	K9K 728	BCH012
Grand Scénic II	1.6	1598	04/04-	P	K4M 761, K4M 782, K4M 788, K4M 812	BCH063



Renault (continued)

Grand Scénic III	1.6	1598	02/09-	P	K4M 858	BCH063
	1.5 dCi	1461	12/01-	D	K9K 700, K9K 702, K9K 704, K9K 710	BCH012
Kangoo	1.6	1598	06/01-	P	K4M 750, K4M 752, K4M 753, K4M 830, K4M 831, K4M 834, K4M 850	BCH063
	1.9 D	1870	08/97-	D	F8Q 630, F8Q 632, F8Q 662	BCH051
Laguna I	1.6	1598	11/97-03/01	P	K4M 720	BCH063
Laguna II	1.6	1598	03/01-	P	K4M 710M K4M 714, K4M 716, K4M 718	BCH063
Laguna III	1.6	1598	10/07-	P	K4M 824	BCH063
Megane	1.9 D	1870	03/97-09/99	D	F8Q 790	BCH051
Megane CC	1.6	1598	06/10-	P	K4M 858	BCH063
	1.4	1390	03/99-08/03	P	K4J 714, K4J 750	BCH063
Megane I	1.6	1598	03/99-08/03	P	K4M 700, K4M 701, K4M 704, K4M 708	BCH063
	1.9 D	1870	04/99-08/03	D	F8Q 622, F8Q 790	BCH051
	1.4	1390	11/02-	P	K4J 730, K4J 732, K4J 740	BCH063
Megane II	1.5 dCi	1461	11/02-	D	K9K 722, K9K 728, K9K 729	BCH012
	1.6	1598	11/02-	P	K4M 760, K4M 761, K4M 762, K4M 788, K4M 812, K4M 813, K4M 848, K4M 858, K4M 866	BCH063
Megane III	1.6	1598	11/08-	P	K4M 760, K4M 848, K4M 858, K4M 866	BCH063
	1.5 dCi	1461	09/04-	D	K9K 750, K9K 752	BCH012
Modus/Grand Modus	1.4	1390	12/04-	P	K4J 770	BCH063
	1.6	1598	12/04-	P	K4M 790, K4M 791, K4M 794, K4M 800, K4M 801	BCH063
Scénic I	1.4	1390	09/99-08/03	P	K4J 714, K4J 750	BCH063
	1.6	1598	03/01-08/03	P	K4M 708	BCH063
	1.4	1390	06/03-	P	K4J 730, K4J 740	BCH063
Scénic II	1.5 dCi	1461	06/03-	D	K9K 722, K9K 728, K9K 729	BCH012
	1.6	1598	06/03-	P	K4M 761, K4M 782, K4M 788, K4M 812	BCH063



Renault (continued)

Scénic III	1.6	1598	02/09-	P	K4M 858, K4M 866	BCH063
	1.4	1390	08/00-	P	K4J 712	BCH063
Thalia I	1.5 dCi	1461	06/01-	D	K9K 700, K9K 702	BCH012
	1.6	1598	04/02-	P	K4M 740	BCH063
Thalia II	1.6	1598	09/08-	P	K4M 743	BCH063
Trafic	1.9 D	1870	06/97-03/01	D	F8Q 606	BCH051
Twingo II	1.6 RS	1598	05/08-	P	K4M 854	BCH063
Wind	1.6	1598	07/10-	P	K4M 854	BCH063
Rover						
25	1.8	1796	10/99-05/05	P	18K4K, 18K4F	BCH054 Non-VVC Engines.
45	1.8	1796	02/00-05/05	P	18K4F	BCH054 Non-VVC Engines.
75	1.8	1796	01/00-05/05	P	18K18	BCH054 Non-VVC Engines.
Seat						
Alhambra	1.9 TDI	1896	04/96-03/10	D	1Z, AHU, ANU, ASZ, AUY, BTB, BVK	BCH028 Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	06/10-	D	CFFA, CFFB, CFFE, CFGB, CFGC	BCH029
	2.0 TDI	1968	11/05-03/10	D	BRT	BCH028 Vehicles with Hydraulic Followers/Lifters
	1.6	1595	03/04-	P	BGU, BSF, BSE	BCH057
	1.6 TDI	1598	10/09-	D	CAYB, CAYC	BCH032
Altea	1.9 TDI	1896	04/04-	D	BJB, BKC, BLS, BXE, BXF	BCH028 Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	03/04-	D	AZV, BKD, BMN	BCH025
	2.0 TDI	1968	11/05-	D	BMM	BCH028 Vehicles with Hydraulic Followers/Lifters
	2.0 TDI 16V	1968	03/04-	D	CFHC	BCH029



Seat (continued)

	1.6	1595	10/06-	P	BGU, BSF, BSE	BCH057	
	1.6 TDI	1598	10/09-	D	CAYB, CAYC	BCH032	
Altea XI	1.9 TDI	1896	10/06-	D	BKC, BLS, BXE	BCH028	Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	10/06-	D	BMM	BCH028	Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	10/06-	D	CFHC, CFJA	BCH029	
	2.0 TDI 16V	1968	10/06-	D	BKD, BMN	BCH025	
Cordoba	1.9 SDI/TDI	1896	06/99-11/09	D	AGP, AGR, AHU, ALH, AQM, ASK, ASV, ASY	BCH050	Vehicles with Hydraulic Followers/Lifters
	1.9 TDI	1896	09/02-11/09	D	ASZ, ATD, AXR, BLT, BMT	BCH028	Vehicles with Hydraulic Followers/Lifters
	1.6	1595	03/09-09/10	P	ALZ	BCH057	
Exeo	2.0 TDI	1968	12/08-	D	CGLB, CJCA, CJCC	BCH029	
Ibiza Mk III	1.9 SDI/TDI	1896	08/99-02/02	D	AGP, AGR, ALH, AQM, ASK, ASV	BCH050	Vehicles with Hydraulic Followers/Lifters
	1.9 SDI	1896	02/02-12/05	D	ASY	BCH050	Vehicles with Hydraulic Followers/Lifters
	1.9 TDI	1896	02/02-11/09	D	ASZ, ATD, AXR, BLT, BMT	BCH028	Vehicles with Hydraulic Followers/Lifters
Ibiza Mk IV	1.9 TDI Cupra R	1896	03/04-02/08	D	BPX, BJK	BCH028	Vehicles with Hydraulic Followers/Lifters
	1.6 TDI	1598	05/09-	D	CAYB, CAYC, CLNA	BCH032	
Ibiza Mk V	1.9 TDI	1896	03/08-06/10	D	BLS	BCH028	Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	01/10-	D	CFHD	BCH029	
Inca	1.9 SDI/TDI	1896	11/95-06/03	D	AEY, ALH, AYQ	BCH050	Vehicles with Hydraulic Followers/Lifters
	1.6	1595	07/05-12/12	P	BGU, BSF, BSE	BCH057	
	1.6 TDI	1598	02/10-12/12	D	CAYB, CAYC	BCH032	
	1.9 SDI/TDI	1896	11/99-06/06	D	AGR, AHF, ALH, AQM, ASV	BCH050	Vehicles with Hydraulic Followers/Lifters
Leon	1.9 TDI	1896	09/00-12/10	D	ARL, ASZ, AXR, BKC, BLS, BXE, BXF	BCH028	Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	07/05-12/12	D	AZV, BKD, BMN	BCH025	
	2.0 TDI	1968	07/05-12/12	D	CFHC, CFJA, CLCB	BCH029	
	2.0 TDI	1968	10/05-10/10	D	BMM	BCH028	Vehicles with Hydraulic Followers/Lifters



Seat (continued)

1.6	1595	10/04-05/09	P	BGU, BSF, BSE	BCH057	Vehicles with Hydraulic Followers/Lifters
1.9 TDI	1896	10/04-05/09	D	BJB, BKC, BLS, BXE	BCH028	Vehicles with Hydraulic Followers/Lifters
2.0 TDI	1968	09/04-05/09	D	AZV, BKD, BMN	BCH025	Vehicles with Hydraulic Followers/Lifters
2.0 TDI	1968	11/05-05/09	D	BMM	BCH028	Vehicles with Hydraulic Followers/Lifters
1.9 TDI	1896	10/00-05/06	D	ARL, ASZ	BCH028	Vehicles with Hydraulic Followers/Lifters
1.9 TDI	1896	10/98-07/04	D	AGR, AHF, ALH, ASV	BCH050	Vehicles with Hydraulic Followers/Lifters
1.6 TDI	1598	07/12-	D	CAYB, CAYC, CLNA	BCH032	Vehicles with Hydraulic Followers/Lifters

Skoda

1.6 TDI	1598	03/10-12/14	D	CAYA, CAYB, CAYC	BCH032	Vehicles with Hydraulic Followers/Lifters
1.9 SDI	1896	12/99-03/08	D	ASY	BCH050	Vehicles with Hydraulic Followers/Lifters
1.9 TDI	1896	01/00-03/10	D	ATD, AXR, ALS, BSW	BCH028	Vehicles with Hydraulic Followers/Lifters
1.9 TDI RS	1896	06/03-03/08	D	ASZ, BLT	BCH028	Vehicles with Hydraulic Followers/Lifters

Fabia

1.6	1595	06/04-06/13	P	BGU, BSF, BSE	BCH057	Vehicles with Hydraulic Followers/Lifters
1.6 TDI	1598	06/09-04/13	D	CAYC	BCH032	Vehicles with Hydraulic Followers/Lifters
1.9 SDI/TDI	1896	09/96-03/10	D	AGP, AGR, AHF, ALH, AQM, ASV	BCH050	Vehicles with Hydraulic Followers/Lifters
1.9 TDI	1896	08/00-12/10	D	ASZ, ATD, AXR, BJB, BKC, BLS, BXE	BCH028	Vehicles with Hydraulic Followers/Lifters
2.0 TDI	1968	02/04-04/13	D	AZV, BKD, BMN	BCH025	Vehicles with Hydraulic Followers/Lifters
2.0 TDI	1968	02/04-05/13	D	AZV, BKD, BMN	BCH025	Vehicles with Hydraulic Followers/Lifters
2.0 TDI	1968	02/04-06/13	D	CFHC, CFHF, CLCA, CLCB	BCH029	Vehicles with Hydraulic Followers/Lifters
2.0 TDI	1968	11/05-05/10	D	BMM	BCH028	Vehicles with Hydraulic Followers/Lifters

Rapid

1.6 TDI	1598	07/12-	D	CAYB, CAYC	BCH032	Vehicles with Hydraulic Followers/Lifters
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Roomster

1.6 TDI	1598	03/10-05/15	D	CAYB, CAYC	BCH032	Vehicles with Hydraulic Followers/Lifters
1.9 TDI	1896	03/06-03/10	D	AXR, BLS, BSW	BCH028	Vehicles with Hydraulic Followers/Lifters



Skoda (continued)

1.6 TDI	1598	09/10-05/15	D	CAYC	BCH032	Vehicles with Hydraulic Followers/Lifters
1.9 TDI	1896	12/01-11/10	D	AVB, AVF, AWX, BLS, BPZ, BSV, BXE	BCH028	Vehicles with Hydraulic Followers/Lifters
2.0 TDI	1968	10/05-05/10	D	BMP, BSS	BCH028	Vehicles with Hydraulic Followers/Lifters
2.0 TDI 16V	1968	01/09-05/15	D	BKD	BCH025	
2.0 TDI 16V	1968	07/08-05/15	D	CFFB, CFGB	BCH029	
1.6 TDI	1598	11/10-	D	CAYC	BCH032	
2.0 TDI	1968	05/09-	D	CFHA, CFHC, CFHF, CFJA, CLCA, CLCB	BCH029	

Subaru

Justy Mk II	1298	04/01-11/03	P	G13BB	BCH036	
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Suzuki

Baleno	1298	07/95-05/02	P	G13BB	BCH036	
1.6 i	1590	07/95-05/02	P	G16B	BCH036	
Carry	1298	03/99-	P	G13BB	BCH036	
Grand Vitara I	1590	03/98-07/03	P	G16B	BCH036	

Ignis II	1248	09/03-	D	Z 13 DT	BCH011	Early Generation Version
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1.3	1298	09/98-	P	G13BB	BCH036	
1.5 DDiS	1461	12/03-	D	K9K 700	BCH012	

SJ 413	1298	09/84-12/85	P	G13B	BCH036	
Splash	1248	01/08-	D	D13A, Z 13 DTJ	BCH067	Late Generation Head

Swift I	1298	08/85-03/89	P	G13B	BCH036	
1.3 Gti	1298	03/89-05/01	P	G13B	BCH036	
1.6i	1590	11/89-05/01	P	G16B	BCH036	

Swift III	1248	08/05-	D	D13A, Z 13 DTJ	BCH067	Late Generation Head
1.3 DDiS (RS 413D)	1248	08/05-	D	Z 13 DT	BCH011	Early Generation Version

Sx4	1560	04/07-	D	9HX	BCH026	
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Suzuki (continued)

Vitara	1.6 i	1589	07/90-03/99	P	G16B	BCH036
Wagon R+	1.3	1298	05/00-	P	G13BB	BCH036
	1.3 DDiS (RB 413D)	1248	09/03-	D	Z 13 DT	BCH011 Early Generation Version
X-90	1.6 i	1590	09/95-12/97	P	G16B	BCH036

Toyota

4 Runner	2.8 D	2779	10/89-03/96	D	3L	BCH048 ID. Hole 7MM
Blizzard	2.5 TD	2446	10/86-10/95	D	2L-TII	BCH013 W/O groove Camshaft Lubrication
	2.4 TD/D	2446	10/92-08/96	D	2L-TII, 2L	BCH013 W/O groove Camshaft Lubrication
Cressida	2.4 TD	2446	10/88-01/93	D	2L-TII	BCH013 W/O groove Camshaft Lubrication
Cresta	2.4 D	2446	09/88-10/96	D	2L	BCH013 W/O groove Camshaft Lubrication
Dyna	2.4 D	2446	08/85-07/01	D	2L	BCH049 ID. Hole 7MM, with Camshaft Lubrication Groove
	2.4 D	2446	08/87-07/01	D	2L	BCH013 W/O groove Camshaft Lubrication
	2.5 D4d	2494	08/01-	D	2KD-FTV	BCH008
	3.0 D-4D	2982	09/06-	D	1KD-FTV	BCH033
Dyna 150	2.8 D	2779	09/88-08/98	D	3L	BCH048 ID. Hole 7MM
Fortuner	2.5 D-4D	2494	01/09-05/15	D	2KD-FTV	BCH008
Hiace / Commuter V	2.5 D-4D	2494	01/05-	D	2KD-FTV	BCH008
	2.4 D	2446	05/84-11/89	D	2L	BCH013 W/O groove Camshaft Lubrication
Hiace II	2.4 D	2446	05/84-11/89	D	2L	BCH049 ID. Hole 7MM, with Camshaft Lubrication Groove
	2.4 D	2446	08/87-12/04	D	2L	BCH013 W/O groove Camshaft Lubrication
Hiace III	2.4 D	2446	08/87-12/04	D	2L	BCH049 ID. Hole 7MM, with Camshaft Lubrication Groove
	2.5 D-4D	2494	08/01-08/04	D	2KD-FTV	BCH008



Toyota (continued)

Hiace IV	2.4 D	2446	08/95-08/06	D	2L	BCH049	ID. Hole 7MM, with Camshaft Lubrication Groove
	2.4 D	2446	09/95-08/01	D	2L	BCH013	W/O groove Camshaft Lubrication
	2.5 D-4D	2494	11/01-	D	2KD-FTV	BCH008	
Hiace V	2.5 D-4D	2494	09/06-	D	2KD-FTV	BCH008	
	2.5 D/D-4D	2494	10/05-	D	2KD-FTV	BCH008	
	3.0 D-4D	2982	12/07-	D	1KD-FTV	BCH033	
Hilux (Vigo) VII	2.4 D	2446	09/88-08/97	D	2L	BCH013	W/O groove Camshaft Lubrication
	2.4 D	2446	09/88-12/97	D	2L	BCH049	ID. Hole 7MM, with Camshaft Lubrication Groove
	2.8 D	2779	08/95-08/98	D	3L	BCH048	ID. Hole 7MM
	2.4 D	2446	08/97-02/06	D	2L	BCH013	W/O groove Camshaft Lubrication
Hilux V	2.4 D	2446	08/97-02/06	D	2L	BCH049	ID. Hole 7MM, with Camshaft Lubrication Groove
	2.5 D-4D	2494	11/01-07/05	D	2KD-FTV	BCH008	
	2.8 D	2779	08/97-07/05	D	3L	BCH048	ID. Hole 7MM
	2.5 D	2494	08/04-	D	2KD-FTV	BCH008	
Kijang	2.4 D	2446	08/89-08/95	D	2L	BCH013	W/O groove Camshaft Lubrication
	2.4 D	2446	11/84-10/85	D	2L	BCH013	W/O groove Camshaft Lubrication
	2.4 D	2446	11/84-10/85	D	2L	BCH049	ID. Hole 7MM, with Camshaft Lubrication Groove
Land Cruiser	3.0 D-4D	2982	09/02-07/09	D	1KD-FTV	BCH033	
	4.2 TD	4164	01/90-12/97	D	1HD-T	BCH064	
	3.0 D-4D	2982	08/09-	D	1KD-FTV	BCH033	
Land Cruiser Prado	3.0 D-4D	2982	08/00-08/02	D	1KD-FTV	BCH033	
Mark II	2.4 D/TD	2446	08/81-09/96	D	2L-TII, 2L	BCH013	W/O groove Camshaft Lubrication



Toyota (continued)

Regiusace	2.5 D-4D	2494	08/04-	D	2KD-FTV	BCH008
Tamaraw Fx	2.4 D	2446	01/99-10/04	D	2L	BCH013 W/O groove Camshaft Lubrication
Town Ace	2.4 D	2446	04/85-12/91	D	2L	BCH013 W/O groove Camshaft Lubrication

Volvo

C30	1.6 D	1560	10/06-12/12	D	D 4164 T	BCH026
S40 II	1.6 D	1560	01/05-12/12	D	D 4164 T	BCH026
S80 II	1.6 D DRIVE	1560	01/10-	D	D 4164 T	BCH026
V50	1.6 D	1560	01/05-12/11	D	D 4164 T	BCH026
V70 III	1.6 D	1560	01/10-12/11	D	D 4164 T	BCH026

VW

Amarok	2.0 TDI	1968	09/10-	D	CDBA, CDCA	BCH030
	2.0 TDI	1968	09/10-	D	CNEA, CNFA, CNFB, CSHA	BCH029
Beetle	1.6 TDI	1598	10/11-	D	CAYC	BCH032
	2.0 TDI	1968	04/11-	D	CFFB	BCH029
Bora	1.9 SDI/TDI	1896	10/98-05/05	D	AGP, AGR, AHF, ALH, AQM, ASV	BCH050 Vehicles with Hydraulic Followers/Lifters
	1.9 TDI	1896	02/99-05/05	D	AJM, ARL, ASZ, ATD, AUY, AXR	BCH028 Vehicles with Hydraulic Followers/Lifters
Caddy II	1.9 SDI/TDI	1896	11/95-01/04	D	1Z, AEY, AHU, ALE, ALH, AYQ	BCH050 Vehicles with Hydraulic Followers/Lifters
	1.6	1595	04/04-05/15	P	BGU, BSF, BSE	BCH057
	1.6 TDI	1598	08/10-05/15	D	CAYD, CAYE	BCH032
Caddy III	1.9 TDI	1896	04/04-08/10	D	BJB, BLS, BSU	BCH028 Vehicles with Hydraulic Followers/Lifters
	2.0 SDI	1968	03/04-08/10	D	BDJ, BST	BCH028 Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	08/10-05/15	D	CFHC, CLCA	BCH029
	2.0 TDI	1968	09/07-08/10	D	BMM	BCH028 Vehicles with Hydraulic Followers/Lifters
CC	2.0 TDI	1968	11/11-	D	CFFA, CFFB, CFGB, CFGC, CLLA	BCH029



VW (continued)

Crafter 30-50

2.0 TDI	1968	05/11-	D	CKTB, CKTC, CKUB, CKUC	BCH030
2.5 TDI	2461	04/06-	D	BJJ, BJK, BJL, BJM, CEBA, CEBB, CECA, CECB	BCH060

Eos

2.0 TDI	1968	05/08-08/15	D	CFFA, CFFB	BCH029
2.0 TDI	1968	06/06-05/08	D	BMM	BCH028

Vehicles with Hydraulic Followers/Lifters

Golf IV

1.9 SDI/TDI	1896	08/97-06/05	D	AGP, AGR, AHF, ALH, AQM, ASV	BCH050
1.9 TDI	1896	12/98-06/06	D	AJM, ARL, ASZ, ATD, AUY, AXR	BCH028

Vehicles with Hydraulic Followers/Lifters

Vehicles with Hydraulic Followers/Lifters

Golf V

1.6	1595	01/04-07/09	P	BGU, BSF, BSE	BCH057
1.9 TDI	1896	10/03-07/09	D	BKC, BLS, BRU, BXE, BXF, BXJ	BCH028

Vehicles with Hydraulic Followers/Lifters

Golf V

2.0 SDI	1968	01/04-11/08	D	BDK	BCH028
2.0 TDI	1968	06/07-07/09	D	AZV, BKD	BCH025

Vehicles with Hydraulic Followers/Lifters

Golf V

2.0 TDI	1968	10/03-11/08	D	AZV, BKD, BMN	BCH025
2.0 TDI	1968	12/04-07/09	D	BMM	BCH028

Vehicles with Hydraulic Followers/Lifters

Golf VI

1.6	1595	10/08-07/13	P	BGU, BSF, BSE	BCH057
1.6 TDI	1598	02/09-	D	CAYB, CAYC	BCH032

Golf VI

2.0 TDI	1968	10/08-07/13	D	CFFA, CFFB, CFGB, CFHB, CFHC, CLCA	BCH029
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Golf Plus

1.6	1595	05/05-12/13	P	BSE, BSF	BCH057
1.6 TDI	1598	02/09-12/13	D	CAYB, CAYC	BCH032

Vehicles with Hydraulic Followers/Lifters

Golf Plus

1.9 TDI	1896	01/05-01/09	D	BKC, BLS, BRU, BXE, BXF, BXJ	BCH028
2.0 TDI	1968	01/05-12/13	D	CFHB, CFHC, CLCA	BCH029

Vehicles with Hydraulic Followers/Lifters

Golf Plus

2.0 TDI	1968	05/05-12/13	D	AZV, BKD	BCH025
2.0 TDI	1968	12/05-05/11	D	BMM	BCH028

Vehicles with Hydraulic Followers/Lifters



VW (continued)

	1.6	1595	10/05-10/10	P	BSE, BSF	BCH057	
	1.6 TDI	1598	06/09-10/10	D	CAYB, CAYC	BCH032	
Jetta III	1.9 TDI	1896	08/05-10/10	D	BKC, BLS, BXE	BCH028	Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	09/05-10/10	D	AZV, BKD, BMN	BCH025	
	2.0 TDI	1968	10/05-10/10	D	BMM	BCH028	Vehicles with Hydraulic Followers/Lifters
	1.6 TDI	1598	02/11-	D	CAYC	BCH032	
Jetta IV	2.0 TDI	1968	10/10-	D	CFFB, CFHC, CLCA	BCH029	
	1.6	1595	06/00-09/10	P	BFS	BCH057	
New Beetle	1.9 TDI	1896	01/98-06/04	D	ALH	BCH050	Vehicles with Hydraulic Followers/Lifters
	1.9 TDI	1896	02/01-09/10	D	ATD, AXR, BEW, BSW	BCH028	Vehicles with Hydraulic Followers/Lifters
	1.6	1595	05/05-11/10	P	ALZ	BCH057	
	1.6	1595	08/05-11/10	P	BSE, BSF	BCH057	
	1.6 TDI	1598	08/09-12/14	D	CAYC	BCH032	
Passat	1.9 TDI	1896	08/98-05/05	D	AJM, ATJ, AVB, AVF, AWX, BKC, BLS, BXE	BCH028	Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	03/05-07/10	D	BKP, BMA, BMR, BWV	BCH025	
	2.0 TDI	1968	08/05-11/10	D	BKP, BMA, BMR, BVE, BWV	BCH025	
	2.0 TDI	1968	08/10-12/14	D	CFFA, CFFB, CFGB, CFGC, CLLA	BCH029	
	2.0 TDI	1968	12/03-05/09	D	BGW, BHW, BMP	BCH028	Vehicles with Hydraulic Followers/Lifters
Passat CC	2.0 TDI	1968	06/08-01/12	D	CFFA, CFFB, CFGB, CLLA	BCH029	
	1.6 TDI	1598	06/09-	D	CAYA, CAYB, CAYC, CLNA	BCH032	
Polo	1.9 SDI/TDI	1896	09/96-	D	AFN, AGP, AGR, AHU, ALE, ALH, AQM, ASV, ASY	BCH050	Vehicles with Hydraulic Followers/Lifters
	1.9 TDI	1896	10/01-11/09	D	ASZ, ATD, AXR, BLT, BMT	BCH028	Vehicles with Hydraulic Followers/Lifters
Scirocco	2.0 TDI	1968	08/08-	D	CFGB, CFGC, CFHB, CFHC	BCH029	



VW (continued)

Sharan	1.9 TDI	1896	09/95-03/10	D	1Z, AHU, ANU, ASZ, AUY, BTB, BVK	BCH028	Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	05/10-	D	CFFA, CFFB, CFGB	BCH029	
	2.0 TDI	1968	11/05-03/10	D	BRT, BVH	BCH028	Vehicles with Hydraulic Followers/Lifters
Taro	2.4 D	2446	04/89-03/97	D	2L	BCH013	W/O groove Camshaft Lubrication
	2.4 D	2446	04/89-03/97	D	2L	BCH049	ID. Hole 7MM, with Camshaft Lubrication Groove
Tiguan	2.0 TDI	1968	09/07-	D	CFFA, CFFB, CFFD, CFGB, CFGC, CLJA	BCH029	
Touareg	2.5 R5 TDI	2461	01/03-05/10	D	BAC, BPE	BCH027	
	1.6	1595	07/03-05/10	P	BGU, BSF, BSE	BCH057	
	1.6 TDI	1598	05/10-05/15	D	CAYB, CAYC	BCH032	
Touran	1.9 TDI	1896	02/03-05/10	D	AVQ, BKC, BLS, BRU, BXE, BXF, BXJ	BCH028	Vehicles with Hydraulic Followers/Lifters
	2.0 TDI	1968	02/03-05/10	D	AZV, BKD, BMN	BCH025	
	2.0 TDI	1968	05/10-05/15	D	CFHC, CLCA	BCH029	
	2.0 TDI	1968	12/05-05/10	D	BMM	BCH028	Vehicles with Hydraulic Followers/Lifters
	1.9 TDI	1896	04/03-11/09	D	AXB, AXC, BRR, BRS	BCH028	Vehicles with Hydraulic Followers/Lifters
Transporter/Caravelle/ Multivan Mk V	2.0 BiTDI	1968	09/09-	D	CFCA	BCH031	
	2.5 TDI	2461	04/03-11/09	D	AXD, AXE, BLJ, BNZ, BPC	BCH027	

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Engine Code	Part Number	Page No.	Notes	Engine Code	Part Number	Page No.	Notes	Engine Code	Part Number	Page No.	Notes
10 P	BCH065	63	◆	223 A9.000	BCH011	13	◆	5FD (EP6DTS)	BCH052	50	
10P	BCH066	64	●	223 A9.000	BCH067	65	●	5FM (EP6DT)	BCH052	50	
11 K4F	BCH054	52	▲	225 A2.000	BCH067	65	●	5FN (EP6CDT)	BCH052	50	
14 K4C	BCH054	52	▲	263 A2.000	BCH067	65	●	5FR (EP6DT)	BCH052	50	
14 K4D	BCH054	52	▲	28 TDI (4JB1T)	BCH061	59		5FS (EP6C)	BCH052	50	
14 K4F	BCH054	52	▲	2KD-FTV	BCH008	10		5FT (EP6DT)	BCH052	50	
14 K4M	BCH054	52	▲	2L	BCH013	15	📄	5FU (EP6DTX)	BCH052	50	
14 P	BCH065	63	◆	2L	BCH049	47	📄	5FV (EP6CDT)	BCH052	50	
14 P	BCH066	64	●	2L-TII	BCH013	15	📄	5FW (EP6)	BCH052	50	
15 P	BCH065	63	◆	312 A8.000	BCH067	65	●	5FX (EP6DT)	BCH052	50	
15 P	BCH066	64	●	312 B1.000	BCH067	65	●	5FY (EP6DTS)	BCH052	50	
16 K4F	BCH054	52	▲	312 B2.000	BCH067	65	●	9HN (DV6TED4)	BCH026	25	
169 A1.000	BCH067	65	●	330 A1.000	BCH067	65	●	9HS (DV6TED4BU)	BCH026	25	
169 A5.000	BCH067	65	●	3L	BCH048	46	📄	9HT (DV6BTED4)	BCH026	25	
18 K4F	BCH054	52	▲	4D56	BCH001/CCH001	5,1	📄	9HU (DV6UTED4)	BCH026	25	
18 K4G	BCH054	52	▲	4D56	BCH044	42	📄	9HV (DV6ATED4)	BCH026	25	
18 K4K	BCH054	52	▲	4D56HP	BCH007	9		9HW (DV6BTED4)	BCH026	25	
188 A9.000	BCH011	13	◆	4D56T	BCH001/CCH001	5,1	📄	9HX (DV6ATED4)	BCH026	25	
199 A1.000	BCH067	65	●	4D56T	BCH044	42	📄	9HY (DV6TED4)	BCH026	25	
199 A2.000	BCH011	13	◆	4HU (P22DTE)	BCH021	22	■	9HZ (DV6TED4)	BCH026	25	
199 A2.000	BCH067	65	●	4HV (P22DTE)	BCH021	22	■	A 13 DTC	BCH067	65	●
199 A3.000	BCH011	13	◆	4JB1-T	BCH061	59		A 13 DTE	BCH067	65	●
199 A3.000	BCH067	65	●	4JB1-TC	BCH061	59		A 13 DTR	BCH067	65	●
199 A9.000	BCH067	65	●	4JG2	BCH038	36		AEY	BCH050	48	#
199 B1.000	BCH067	65	●	4JG2 T	BCH038	36		AFN	BCH050	48	#
199 B2.000	BCH067	65	●	4JG2-TC	BCH038	36		AGP	BCH050	48	#
199 B4.000	BCH067	65	●	4M40-T	BCH004/CCH004	6,2		AGR	BCH050	48	#
1HD-T	BCH064	62		4M41	BCH046	44		AHF	BCH050	48	#
1KD-FTV	BCH033	32		4M42-0AT	BCH045	43		AHU	BCH028	27	#
1Z	BCH028	27	#	4M42-3AT1	BCH045	43		AHU	BCH050	48	#
1Z	BCH050	48	#	4M42-3AT4	BCH045	43		AJM	BCH028	27	#



● Late Version
Vehicles with Hydraulic Followers/Lifters

◆ Early Version
▲ Non-VVC Engines

📄 Please refer to 'Important Notes' Section
■ CRD Engines

^ Non CRD Engines

Engine Code	Part Number	Page No.	Notes
ALE	BCH050	48	#
ALH	BCH050	48	#
ALZ	BCH057	55	
ANU	BCH028	27	#
AQM	BCH050	48	#
ARL	BCH028	27	#
ASK	BCH050	48	#
ASV	BCH050	48	#
ASY	BCH050	48	#
ASZ	BCH028	27	#
ATD	BCH028	27	#
ATJ	BCH028	27	#
AUY	BCH028	27	#
AVB	BCH028	27	#
AVF	BCH028	27	#
AVQ	BCH028	27	#
AWX	BCH028	27	#
AXB	BCH028	27	#
AXC	BCH028	27	#
AXD	BCH027	26	
AXE	BCH027	26	
AXR	BCH028	27	#
AYQ	BCH050	48	#
AZV	BCH025	24	
B 13 DTR	BCH067	65	●
BAC	BCH027	26	
BDJ	BCH028	27	#
BDK	BCH028	27	#
BEW	BCH028	27	#
BGU	BCH057	55	
BGW	BCH028	27	#

Engine Code	Part Number	Page No.	Notes
BHW	BCH028	27	#
BJB	BCH028	27	#
BJJ	BCH060	58	
BJK	BCH060	58	
BJL	BCH060	58	
BJM	BCH060	58	
BKC	BCH028	27	#
BKD	BCH025	24	
BKE	BCH028	27	#
BKP	BCH025	24	
BLB	BCH025	24	
BLJ	BCH027	26	
BLS	BCH028	27	#
BLT	BCH028	27	#
BMA	BCH025	24	
BMM	BCH028	27	#
BMN	BCH025	24	
BMP	BCH028	27	#
BMR	BCH025	24	
BMT	BCH028	27	#
BNA	BCH025	24	
BNZ	BCH027	26	
BPC	BCH027	26	
BPE	BCH027	26	
BPW	BCH028	27	#
BPX	BCH028	27	#
BPZ	BCH028	27	#
BRB	BCH028	27	#
BRD	BCH025	24	
BRE	BCH025	24	
BRF	BCH025	24	

Engine Code	Part Number	Page No.	Notes
BRR	BCH028	27	#
BRS	BCH028	27	#
BRT	BCH028	27	#
BRU	BCH028	27	#
BSE	BCH057	55	
BSF	BCH057	55	
BSS	BCH028	27	#
BST	BCH028	27	#
BSU	BCH028	27	#
BSV	BCH028	27	#
BSW	BCH028	27	#
BSY	BCH025	24	
BTB	BCH028	27	#
BUK	BCH028	27	#
BUY	BCH025	24	
BVE	BCH025	24	
BVF	BCH025	24	
BVG	BCH025	24	
BVH	BCH028	27	#
BVK	BCH028	27	#
BWC	BCH025	24	
BWV	BCH025	24	
BXE	BCH028	27	#
BXF	BCH028	27	#
BXJ	BCH028	27	#
CAYA	BCH032	31	
CAYB	BCH032	31	
CAYC	BCH032	31	
CAYD	BCH032	31	
CAYE	BCH032	31	
CDBA	BCH030	29	

● Late Version
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Engine Code	Part Number	Page No.	Notes
CDCA	BCH030	29	
CEBA	BCH060	58	
CEBB	BCH060	58	
CECA	BCH060	58	
CECB	BCH060	58	
CFCA	BCH031	30	
CFFA	BCH029	28	
CFFB	BCH029	28	
CFFD	BCH029	28	
CFFE	BCH029	28	
CFGB	BCH029	28	
CFGC	BCH029	28	
CFHA	BCH029	28	
CFHB	BCH029	28	
CFHC	BCH029	28	
CFHD	BCH029	28	
CFHF	BCH029	28	
CFJA	BCH029	28	
CGLB	BCH029	28	
CGLC	BCH029	28	
CGLD	BCH029	28	
CJCA	BCH029	28	
CJCB	BCH029	28	
CJCC	BCH029	28	
CKTB	BCH030	29	
CKTC	BCH030	29	
CKUB	BCH030	29	
CKUC	BCH030	29	
CLCA	BCH029	28	
CLCB	BCH029	28	
CLJA	BCH029	28	

Engine Code	Part Number	Page No.	Notes
CLLA	BCH029	28	
CLLB	BCH029	28	
CLNA	BCH032	31	
CMFA	BCH029	28	
CMGA	BCH029	28	
CMGB	BCH029	28	
CNEA	BCH029	28	
CNFA	BCH029	28	
CNFB	BCH029	28	
CSHA	BCH029	28	
CVRA	BCH035	33	
CVRB	BCH035	33	
CVRC	BCH035	33	
CYRA	BCH035	33	
CYRB	BCH035	33	
CYRC	BCH035	33	
D 4164 T	BCH026	25	
D13A	BCH067	65	●
D2FA	BCH018	19	^
D2FB	BCH018	19	^
D2FE	BCH018	19	^
D3EA	BCH055	53	
D3FA	BCH059	57	
D4BA	BCH001/CCH001	5,1	📄
D4BA	BCH044	42	📄
D4BH	BCH001/CCH001	5,1	📄
D4BH	BCH044	42	📄
D4BX	BCH044	42	📄
D4EA	BCH022	23	
D4EA-V	BCH022	23	
D4EB	BCH022	23	

Engine Code	Part Number	Page No.	Notes
D4FA (Ford)	BCH018	19	^
D4FA (Hyundai)	BCH056	54	
DOFA	BCH018	19	^
DRRA	BCH035	33	
DRRB	BCH035	33	
DRRC	BCH035	33	
ECD	BCH025	24	
ENF	BCH042	40	
EP6	BCH052	50	
EP6CDT	BCH052	50	
EP6CDTX	BCH052	50	
F1AE0481A	BCH016	17	
F1AE0481D	BCH016	17	
F1AE0481M	BCH016	17	
F1AE0481N	BCH016	17	
F1CE0441A	BCH017	18	
F1CE0481A	BCH017	18	
F1CFA401A	BCH017	18	
F4FA	BCH018	19	^
F8Q 600	BCH051	49	
F8Q 606	BCH051	49	
F8Q 622	BCH051	49	
F8Q 630	BCH051	49	
F8Q 632	BCH051	49	
F8Q 662	BCH051	49	
F8Q 676	BCH051	49	
F8Q 696	BCH051	49	
F8Q 714	BCH051	49	
F8Q 790	BCH051	49	
FD4	BCH067	65	●
FHZ (F13DTE5)	BCH067	65	●



- Late Version
- # Vehicles with Hydraulic Followers/Lifters

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- 📄 Please refer to 'Important Notes' Section
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Engine Code	Part Number	Page No.	Notes
FXFA	BCH018	19	^
G13B	BCH036	34	
G13BB	BCH036	34	
G16B	BCH036	34	
G8DA	BCH026	25	
G8DB	BCH026	25	
G8DD	BCH026	25	
G8DE	BCH026	25	
G8DF	BCH026	25	
GBVAJPF	BCH035	33	
GBVAJQJ	BCH035	33	
GBVAJQW	BCH035	33	
GPDA	BCH026	25	
GPDB	BCH026	25	
GPDC	BCH026	25	
H9FA	BCH019	20	■
H9FB	BCH020	21	■
H9FD	BCH020	21	■
HHDA	BCH026	25	
HHDB	BCH026	25	
HHJC	BCH026	25	
HHJD	BCH026	25	
HHJE	BCH026	25	
JXFA	BCH020	21	■
JXFC	BCH020	21	■
K4J 710	BCH063	61	
K4J 711	BCH063	61	
K4J 712	BCH063	61	
K4J 713	BCH063	61	
K4J 714	BCH063	61	
K4J 730	BCH063	61	

Engine Code	Part Number	Page No.	Notes
K4J 732	BCH063	61	
K4J 740	BCH063	61	
K4J 750	BCH063	61	
K4J 770	BCH063	61	
K4J 780	BCH063	61	
K4M 690	BCH063	61	
K4M 697	BCH063	61	
K4M 700	BCH063	61	
K4M 701	BCH063	61	
K4M 704	BCH063	61	
K4M 708	BCH063	61	
K4M 710	BCH063	61	
K4M 714	BCH063	61	
K4M 716	BCH063	61	
K4M 718	BCH063	61	
K4M 720	BCH063	61	
K4M 740	BCH063	61	
K4M 742	BCH063	61	
K4M 743	BCH063	61	
K4M 744	BCH063	61	
K4M 745	BCH063	61	
K4M 748	BCH063	61	
K4M 750	BCH063	61	
K4M 752	BCH063	61	
K4M 753	BCH063	61	
K4M 760	BCH063	61	
K4M 761	BCH063	61	
K4M 762	BCH063	61	
K4M 766	BCH063	61	
K4M 782	BCH063	61	
K4M 788	BCH063	61	

Engine Code	Part Number	Page No.	Notes
K4M 790	BCH063	61	
K4M 791	BCH063	61	
K4M 794	BCH063	61	
K4M 800	BCH063	61	
K4M 801	BCH063	61	
K4M 804	BCH063	61	
K4M 812	BCH063	61	
K4M 813	BCH063	61	
K4M 824	BCH063	61	
K4M 830	BCH063	61	
K4M 831	BCH063	61	
K4M 834	BCH063	61	
K4M 838	BCH063	61	
K4M 839	BCH063	61	
K4M 848	BCH063	61	
K4M 850	BCH063	61	
K4M 854	BCH063	61	
K4M 858	BCH063	61	
K4M 862	BCH063	61	
K4M 866	BCH063	61	
K9K 700	BCH012	14	
K9K 702	BCH012	14	
K9K 704	BCH012	14	
K9K 710	BCH012	14	
K9K 712	BCH012	14	
K9K 722	BCH012	14	
K9K 728	BCH012	14	
K9K 729	BCH012	14	
K9K 750	BCH012	14	
K9K 752	BCH012	14	
K9K 790	BCH012	14	

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📄 Please refer to 'Important Notes' Section
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Engine Code	Part Number	Page No.	Notes
LDV	BCH067	65	
LSF	BCH067	65	
N13 B16 A	BCH052	50	
N14 B16 A	BCH052	50	
N14 B16 C	BCH052	50	
N18 B16 A	BCH052	50	
N18 B16 C	BCH052	50	
OM 601.970	BCH062	60	
OM 611.960	BCH040	38	
OM 611.960	BCH043	41	
OM 611.961	BCH040	38	
OM 611.961	BCH043	41	
OM 611.962	BCH041	39	
OM 611.962	BCH043	41	
OM 611.980	BCH039	37	
OM 611.981	BCH039	37	
OM 611.981	BCH043	41	
OM 611.987	BCH039	37	
OM 612.961	BCH042	40	
OM 612.962	BCH042	40	
OM 612.963	BCH042	40	
OM 612.965	BCH042	40	
OM 612.967	BCH042	40	
OM 646.951	BCH041	39	
OM 646.961	BCH041	39	
OM 646.962	BCH041	39	
OM 646.962	BCH043	41	
OM 646.963	BCH041	39	
OM 646.963	BCH043	41	
OM 646.966	BCH041	39	
OM 646.980	BCH041	39	

Engine Code	Part Number	Page No.	Notes
OM 646.981	BCH041	39	
OM 646.982	BCH041	39	
OM 646.983	BCH041	39	
OM 646.984	BCH041	39	
OM 646.985	BCH041	39	
OM 646.986	BCH041	39	
OM 646.989	BCH041	39	
OM 646.990	BCH041	39	
P8FA	BCH021	22	
PHFA	BCH020	21	
PHFC	BCH020	21	
QVFA	BCH021	22	
QWFA	BCH021	22	
SEBA	BCH053	51	
SEWA	BCH053	51	
SRFA	BCH021	22	
USRA	BCH035	33	
USRB	BCH035	33	
W10 B16 A	BCH058	56	
W11 B16 A	BCH058	56	
WEAT	BCH009/CCH009	11,3	
WL	BCH014/CCH014	16, 4	
WLAA	BCH009/CCH009	11,3	
WLAT	BCH009/CCH009	11,3	
WLE7	BCH014/CCH014	16, 4	
WL-T	BCH014/CCH014	16, 4	
Y13 DT	BCH011	13	
Y17 DT	BCH047	45	
Y17 DTL	BCH047	45	
Y601	BCH026	25	
Y642	BCH026	25	

Engine Code	Part Number	Page No.	Notes
YD22DDT	BCH005	7	
YD22ETI	BCH005	7	
YD22ETI	BCH006	8	
YD25DDTi	BCH005	7	
YD25DDTi	BCH006	8	
YD25K3LD-5MI	BCH037	35	
YD25K3LD-5MI	BCH037	35	
Z 13 DT	BCH011	13	
Z 13 DTE	BCH067	65	
Z 13 DTH	BCH011	13	
Z 13 DTJ	BCH011	13	
Z 13 DTJ	BCH067	65	
Z 17 DTH	BCH010	12	
Z 17 DTJ	BCH010	12	
Z 17 DTL	BCH010	12	
Z 17 DTR	BCH010	12	
ZSD-422	BCH035	33	
ZSD-424	BCH020	21	



- Late Version
- # Vehicles with Hydraulic Followers/Lifters

- ◆ Early Version
- ▲ Non-VVC Engines

- 📄 Please refer to 'Important Notes' Section
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^ Non CRD Engines

CROSS REFERENCES

Manufacturer	Cross Reference	FAI Part Number	Manufacturer	Cross Reference	FAI Part Number	Manufacturer	Cross Reference	FAI Part Number
ALFA ROMEO	71724174	BCH067	AMC	908713	BCH060	CITROEN	9806024610	BCH052
ALFA ROMEO	71749340	BCH067	AMC	908716	BCH028	CITROEN	0200.EH	BCH026
AMC	908098	BCH051	AMC	908718	BCH025	CITROEN	0200.GW	BCH021
AMC	908505	BCH005	AMC	908725	BCH029	CITROEN	0200.JW	BCH067
AMC	908510	BCH006	AMC	908726	BCH030	CITROEN	967836981A	BCH052
AMC	908512	BCH044	AMC	908727	BCH031	CITROEN	981239288A	BCH052
AMC	908513	BCH001	AMC	908744	BCH014	DACIA	7701473181	BCH012
AMC	908514	BCH004	AMC	908745	BCH014	DACIA	110417781R	BCH012
AMC	908517	BCH045	AMC	908747	BCH014	FIAT	71724123	BCH017
AMC	908518	BCH046	AMC	908749	BCH009	FIAT	71724174	BCH067
AMC	908519	BCH007	AMC	908766	BCH018	FIAT	71724181	BCH021
AMC	908521	BCH012	AMC	908767	BCH019	FIAT	71729497	BCH011
AMC	908527	BCH037	AMC	908768	BCH020	FIAT	71739601	BCH011
AMC	908545	BCH016	AMC	908773	BCH022	FIAT	71749340	BCH067
AMC	908546	BCH017	AMC	908783	BCH033	FIAT	71752505	BCH016
AMC	908554	BCH047	AMC	908784	BCH008	FIAT	71771718	BCH016
AMC	908555	BCH010	AMC	908844	CCH014	FIAT	71792175	BCH017
AMC	908556	BCH011	AMC	908845	CCH014	FIAT	504049268	BCH016
AMC	908558	BCH067	AMC	908847	CCH014	FIAT	9662378080	BCH021
AMC	908571	BCH062	AMC	908849	CCH009	FORD	1099947	BCH018
AMC	908572	BCH039	AMC	908867	BCH021	FORD	1118995	BCH028
AMC	908573	BCH040	AMC	909051	BCH013	FORD	1229884	BCH026
AMC	908574	BCH041	AMC	909052	BCH013	FORD	1331233	BCH019
AMC	908575	BCH042	AMC	909053	BCH048	FORD	1333272	BCH018
AMC	908577	BCH043	AMC	909055	BCH049	FORD	1433147	BCH021
AMC	908596	BCH026	AMC	909056	BCH013	FORD	1433148	BCH020
AMC	908613	CCH001	AMC	910581	BCH057	FORD	1475887	BCH020
AMC	908701	BCH032	AMC	908614K	CCH004	FORD	1477183	BCH026
AMC	908703	BCH050	BMW	11127508536	BCH058	FORD	1676242	BCH026
AMC	908712	BCH027	CHRYSLER / JEEP	68001295A	BCH025	FORD	1701871	BCH019



CROSS REFERENCES

Manufacturer	Cross Reference	FAI Part Number	Manufacturer	Cross Reference	FAI Part Number	Manufacturer	Cross Reference	FAI Part Number
FORD	1701911	BCH018	HYUNDAI	22100-42201	BCH044	HYUNDAI	501Y52AH00	BCH056
FORD	1740110	BCH035	HYUNDAI	22100-42210	BCH044	HYUNDAI	501Y52AH00A	BCH056
FORD	1767479	BCH026	HYUNDAI	22100-42400	BCH001	HYUNDAI	K149P-10090	BCH059
FORD	1897087	BCH035	HYUNDAI	22100-42400	BCH044	ISUZU	8-94327-269-0	BCH061
FORD	4689001	BCH053	HYUNDAI	22100-42400	CCH001	ISUZU	8-94431-520-0	BCH061
FORD	4903053	BCH014	HYUNDAI	22100-42401	BCH044	ISUZU	8-94431-520-4	BCH061
FORD	4903053	CCH014	HYUNDAI	22100-42402	BCH001	ISUZU	8-94431-523-0	BCH061
FORD	4986980	BCH009	HYUNDAI	22100-42402	BCH044	ISUZU	8-94455-240-1	BCH061
FORD	40443225	BCH014	HYUNDAI	22100-42402	CCH001	ISUZU	8-97086-338-2	BCH038
FORD	40443225	CCH014	HYUNDAI	22100-42521	BCH001	ISUZU	8-97086-338-4	BCH038
FORD	6C1Q-6C032-AA	BCH021	HYUNDAI	22100-42521	CCH001	ISUZU	8-97109-642-0	BCH061
FORD	BK3Q-6049-AC	BCH035	HYUNDAI	22100-42522	BCH001	ISUZU	8-97109-643-1	BCH061
FORD	BK3Q-6090-AC	BCH035	HYUNDAI	22100-42522	CCH001	IVECO	71752505	BCH016
FORD	FB3Q-6C032-AA	BCH035	HYUNDAI	22100-42523	BCH001	IVECO	71771718	BCH016
FORD	RM7M5Q-6C032-FA	BCH026	HYUNDAI	22100-42523	CCH001	IVECO	504049268	BCH016
HYUNDAI	2210027750	BCH022	HYUNDAI	22100-42530	BCH001	IVECO	504110672	BCH017
HYUNDAI	2210027800	BCH022	HYUNDAI	22100-42530	CCH001	KIA	2210027400	BCH022
HYUNDAI	22001-4XA10	BCH059	HYUNDAI	22100-42531	BCH001	KIA	22001-4XA10	BCH059
HYUNDAI	22100-27500	BCH055	HYUNDAI	22100-42531	CCH001	KIA	22100-27500	BCH055
HYUNDAI	22100-27501	BCH055	HYUNDAI	22100-427A1	BCH044	KIA	22100-27501	BCH055
HYUNDAI	22100-2A000	BCH056	HYUNDAI	22100-42900	BCH044	KIA	22100-2A000	BCH056
HYUNDAI	22100-2A000	BCH059	HYUNDAI	22100-42920	BCH044	KIA	22100-2A000	BCH059
HYUNDAI	22100-2A001	BCH056	HYUNDAI	22100-42960	BCH001	KIA	22100-2A001	BCH056
HYUNDAI	22100-2A050	BCH056	HYUNDAI	22100-42960	CCH001	KIA	22100-2A050	BCH056
HYUNDAI	22100-2A300	BCH056	HYUNDAI	22100-42A20	BCH001	KIA	22100-2A300	BCH056
HYUNDAI	22100-2A301	BCH056	HYUNDAI	22100-42A20	CCH001	KIA	22100-2A301	BCH056
HYUNDAI	22100-42000	BCH001	HYUNDAI	22100-4X300	BCH059	KIA	22100-4X300	BCH059
HYUNDAI	22100-42000	CCH001	HYUNDAI	22100-4X500	BCH059	KIA	22100-4X500	BCH059
HYUNDAI	22100-42200	BCH001	HYUNDAI	22100-4X911	BCH059	KIA	22100-4X911	BCH059
HYUNDAI	22100-42200	CCH001	HYUNDAI	22111-27501	BCH055	KIA	22111-27501	BCH055



Manufacturer	Cross Reference	FAI Part Number	Manufacturer	Cross Reference	FAI Part Number	Manufacturer	Cross Reference	FAI Part Number
KIA	501Y52AH00	BCH056	MERCEDES	A6010105620	BCH062	NISSAN	110405X00A	BCH037
KIA	501Y52AH00A	BCH056	MERCEDES	A6010106120	BCH062	NISSAN	11040BN360	BCH005
KIA	K149P-10090	BCH059	MERCEDES	A6110100920	BCH040	NISSAN	11040EB300	BCH006
LANDROVER	LDF109390	BCH054	MINI	11127508536	BCH058	NISSAN	11040EB30A	BCH006
LANDROVER	LDF500160	BCH065	MITSUBISHI	1005A560	BCH007	NISSAN	11040EC00A	BCH006
LANDROVER	LDF500170	BCH066	MITSUBISHI	1005B326	BCH045	NISSAN	11040EC00C	BCH006
LANDROVER	LR0185	BCH020	MITSUBISHI	1005B452	BCH007	NISSAN	1104100QAM	BCH012
MAZDA	L30910090B	BCH053	MITSUBISHI	1005B453	BCH007	NISSAN	110417781R	BCH012
MAZDA	L30910090C	BCH053	MITSUBISHI	MD109736	BCH044	OPEL	607151	BCH010
MAZDA	WE0110100J	BCH009	MITSUBISHI	MD139564	BCH044	OPEL	607155	BCH047
MAZDA	WE0110100K	BCH009	MITSUBISHI	MD185920	BCH044	OPEL	4400196	BCH051
MAZDA	WL1110100A	BCH014	MITSUBISHI	MD185922	BCH044	OPEL	4403885	BCH051
MAZDA	WL1110100A	CCH014	MITSUBISHI	MD185926	BCH044	OPEL	5607076	BCH047
MAZDA	WL1110100E	BCH014	MITSUBISHI	MD303750	BCH001	OPEL	5607150	BCH047
MAZDA	WL1110100E	CCH014	MITSUBISHI	MD303750	CCH001	OPEL	5607170	BCH011
MAZDA	WL3110100H	BCH014	MITSUBISHI	MD348983	BCH001	OPEL	55206386	BCH067
MAZDA	WL3110100H	CCH014	MITSUBISHI	MD348983	CCH001	OPEL	93192097	BCH010
MERCEDES	6110102320	BCH039	MITSUBISHI	ME193804	BCH004	OPEL	8-94327-269-0	BCH061
MERCEDES	6110103620	BCH043	MITSUBISHI	ME193804	CCH004	OPEL	8-94431-520-0	BCH061
MERCEDES	6110104420	BCH039	MITSUBISHI	ME194766	BCH045	OPEL	8-94431-520-4	BCH061
MERCEDES	6110105020	BCH041	MITSUBISHI	ME194790	BCH045	OPEL	8-94431-523-0	BCH061
MERCEDES	6110105420	BCH039	MITSUBISHI	ME202620	BCH004	OPEL	8-94455-240-1	BCH061
MERCEDES	6110106620	BCH039	MITSUBISHI	ME202620	CCH004	OPEL	8-97109-642-0	BCH061
MERCEDES	6110106720	BCH039	MITSUBISHI	ME204200	BCH046	OPEL	8-97109-643-1	BCH061
MERCEDES	6110106820	BCH039	MITSUBISHI	ME204399	BCH045	PEUGEOT	9806024610	BCH052
MERCEDES	6110162101	BCH039	NISSAN	11039EB30A	BCH006	PEUGEOT	0200.GW	BCH021
MERCEDES	6120102320	BCH042	NISSAN	11039EC00A	BCH006	PEUGEOT	0200.JW	BCH067
MERCEDES	6460100620	BCH041	NISSAN	110405M300	BCH005	PEUGEOT	967836981A	BCH052
MERCEDES	6460101020	BCH041	NISSAN	110405M301	BCH005	PEUGEOT	981239288A	BCH052
MERCEDES	6460101420	BCH041	NISSAN	110405M302	BCH005	RENAULT	7701471013	BCH051

CROSS REFERENCES

Manufacturer	Cross Reference	FAI Part Number	Manufacturer	Cross Reference	FAI Part Number	Manufacturer	Cross Reference	FAI Part Number
RENAULT	7701471364	BCH063	TOYOTA	11101-54131	BCH048	VAUXHALL	55206386	BCH067
RENAULT	7701473352	BCH063	VAG	038 103 351 B	BCH050	VAUXHALL	55576874	BCH010
RENAULT	7701473353	BCH063	VAG	038 103 351 X	BCH050	VAUXHALL	55588017	BCH010
RENAULT	7701474361	BCH063	VAG	038 103 373 E	BCH050	VAUXHALL	93192097	BCH010
RENAULT	7701475914	BCH063	VAG	038103351D	BCH028	VAUXHALL	98014406	BCH010
RENAULT	7701478460	BCH051	VAG	03G103351C	BCH028	VAUXHALL	98095697	BCH010
RENAULT	7711134641	BCH051	VAG	03L103063M	BCH029	VAUXHALL	8-94327-269-0	BCH061
RENAULT	7711135349	BCH063	VAG	03L103351B	BCH032	VAUXHALL	8-94431-520-0	BCH061
RENAULT	7711497299	BCH051	VAG	03L103351C	BCH030	VAUXHALL	8-94431-520-4	BCH061
ROVER GROUP	18K4FJ31153993	BCH054	VAG	03L103351D	BCH031	VAUXHALL	8-94431-523-0	BCH061
ROVER GROUP	18K4FJ32147263	BCH054	VAG	03L103351F	BCH029	VAUXHALL	8-94455-240-1	BCH061
SUZUKI	11100-52601	BCH036	VAG	03L103351G	BCH030	VAUXHALL	8-97109-642-0	BCH061
SUZUKI	11100-57802	BCH036	VAG	03L103351H	BCH029	VAUXHALL	8-97109-643-1	BCH061
SUZUKI	11100-68L10-000	BCH067	VAG	03L103351L	BCH031	VOLKSWAGEN	03G103351B	BCH025
SUZUKI	11100-71C01	BCH036	VAG	03L103351N	BCH030	VOLKSWAGEN	03G103351E	BCH025
SUZUKI	11110-71810	BCH036	VAG	03L103351P	BCH029	VOLKSWAGEN	J11 101 541 11	BCH049
SUZUKI	11110-71811	BCH036	VAG	06B103351F	BCH057	VOLVO	8603391	BCH026
SUZUKI	11110-82607	BCH036	VAG	06B103351T	BCH057			
SUZUKI	1111084A500	BCH012	VAG	070103063D	BCH027			
TOYOTA	1110130040	BCH008	VAG	070103063K	BCH027			
TOYOTA	1110130050	BCH033	VAG	070103063Q	BCH027			
TOYOTA	1110130060	BCH008	VAG	070103063R	BCH027			
TOYOTA	1110130070	BCH008	VAG	070103063S	BCH027			
TOYOTA	1110130071	BCH008	VAG	076103351E	BCH060			
TOYOTA	1110130080	BCH033	VAUXHALL	607155	BCH047			
TOYOTA	1110154120	BCH013	VAUXHALL	4400196	BCH051			
TOYOTA	1110154121	BCH013	VAUXHALL	4403885	BCH051			
TOYOTA	11101-17040	BCH064	VAUXHALL	5607076	BCH047			
TOYOTA	11101-54111	BCH049	VAUXHALL	5607150	BCH047			
TOYOTA	11101-54130	BCH048	VAUXHALL	5607173	BCH011			



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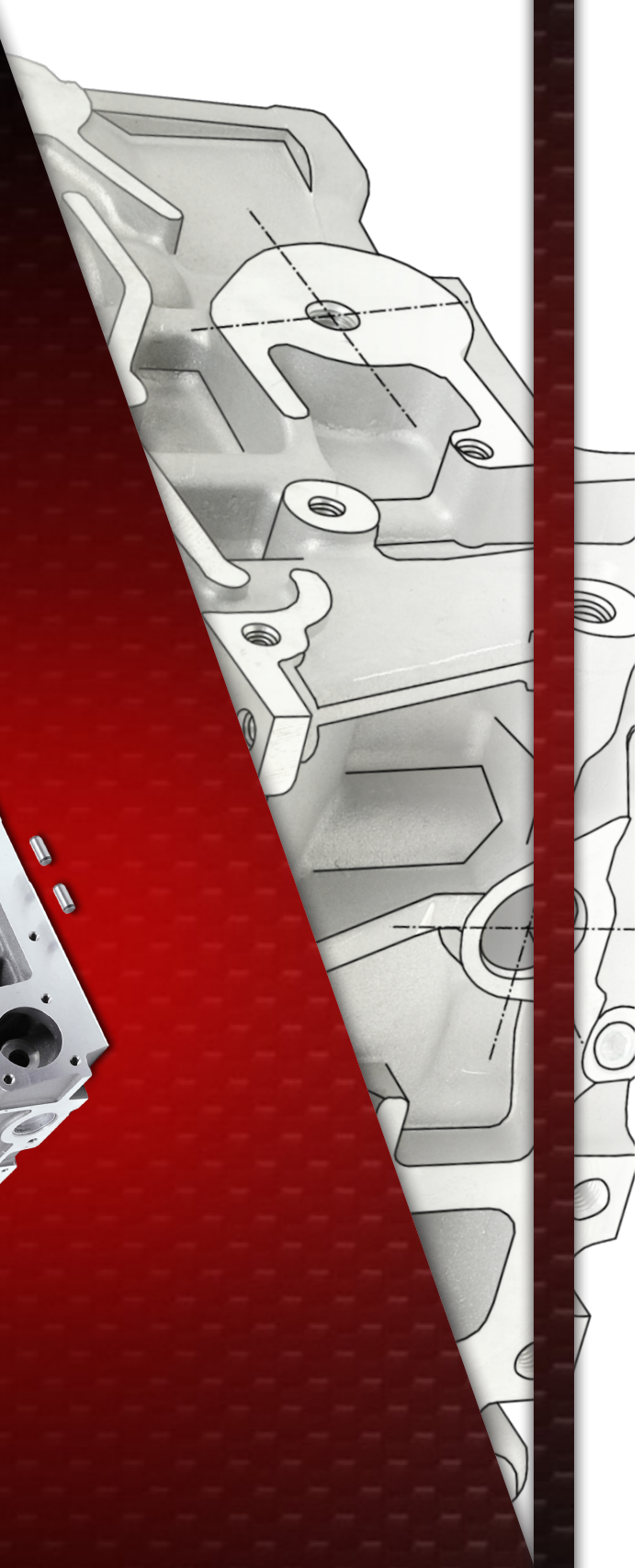
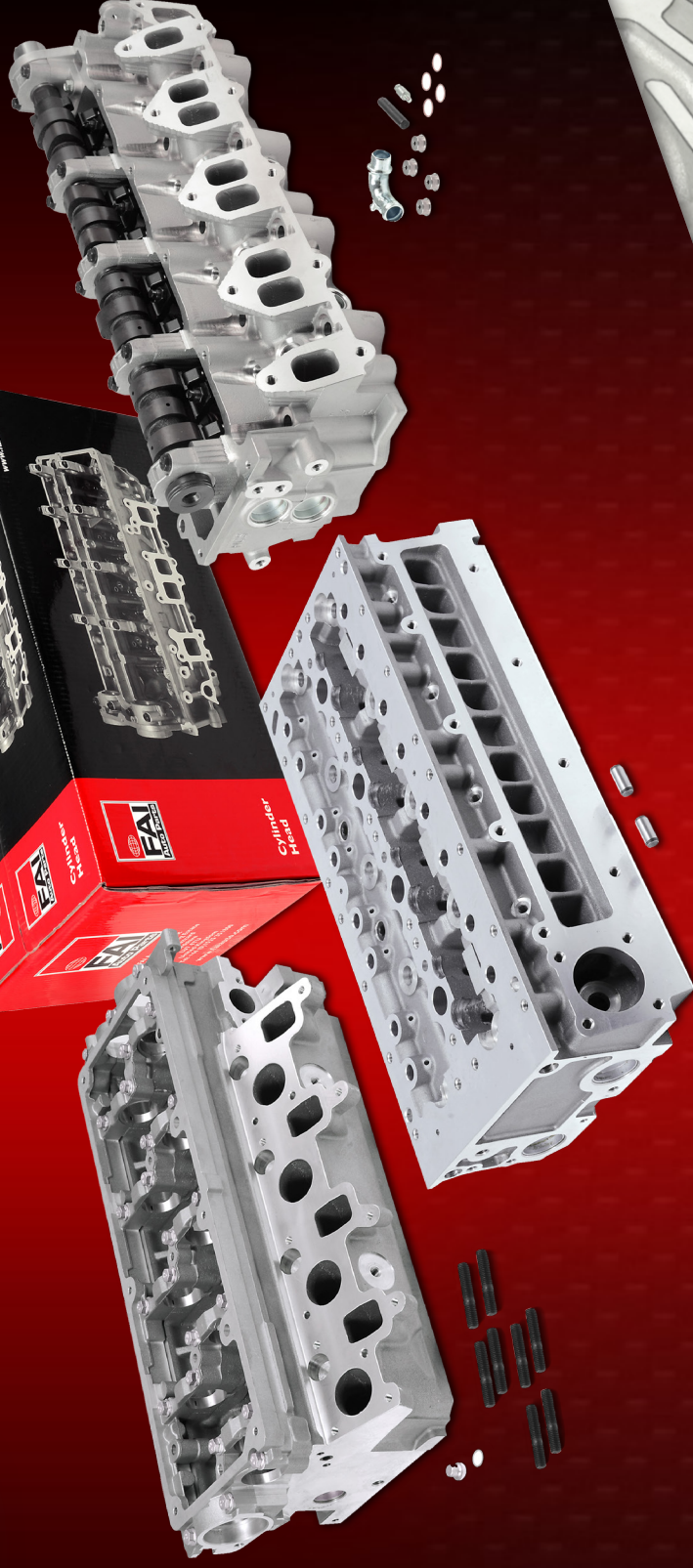
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