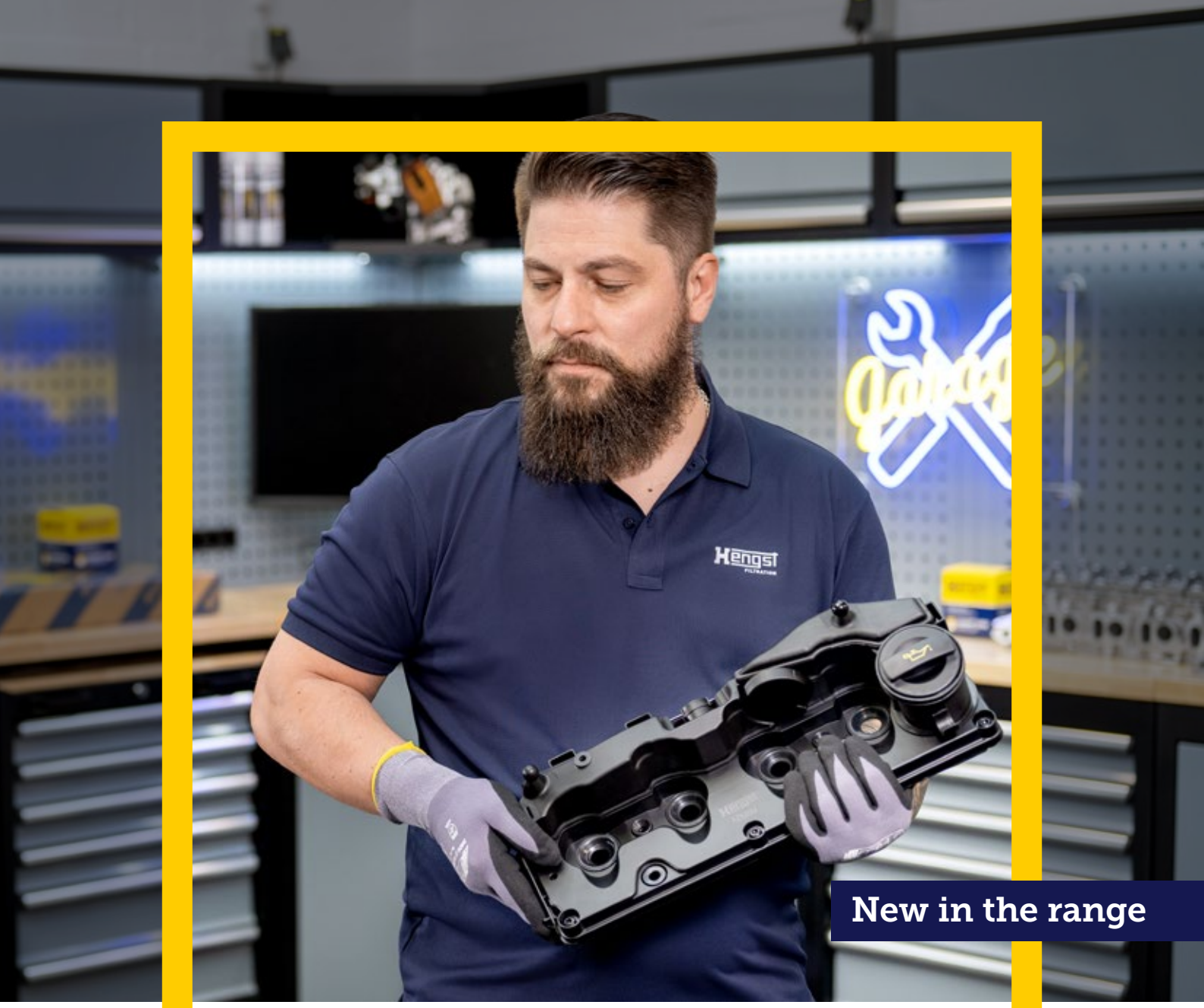


New in the range

Cylinder head covers for passenger cars

OE quality that professionals rely on – for reliable performance

purifying our planet

hengst.com

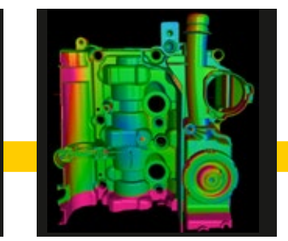
Hengst FILTRATION

What are cylinder head covers?

The cylinder head cover, also known as the valve cover, sits on top of the cylinder head and protects the valves, valve train, and camshafts. It prevents engine oil from leaking and also protects the components and oil from dirt and dust. In engines with a timing chain or timing belt, it also shields the chain drive. Most of our cylinder head covers also have integrated ventilation systems that regulate the pressure in the crankcase and dissipate excess gases. Other components such as camshaft sensors can also be accommodated by the valve cover. The cylinder head cover thus makes a decisive contribution to clean, reliable, and long-lasting engine operation.

Your advantage with Hengst in your product range

- **Complete and ready to install:** Includes mounting materials and pre-assembled gaskets – reduces complaints and saves workshop time.
- **Technology leader in injection molding:** In-house global production with plastic injection molding machines and winner of the ENGEL Award for plastics technology.
- **Tried and tested technology from Germany:** We test for leaks, temperature resistance, material durability, and accuracy of fit on our more than 45 in-house test benches.
- **Quality that counts:** Replacing the cylinder head cover is usually only necessary once or twice during the life of a vehicle—and when it is replaced, only with our original equipment manufacturer quality.
- **Avoid consequential damage:** Complete replacement instead of just changing the seal – prevents leaks, material breakage, and further visits to the repair shop.
- **Wide vehicle coverage:** Our range covers over 2,000 European vehicle models.
- **High availability:** Our 98 percent delivery reliability ensures smooth day-to-day business operations.
- **Efficiency in the parts business:** Our complete solution with just one item number ensures fast and uncomplicated ordering and order processes.



Computer simulations are used to display wall thickness (left) and the plastic injection molding process (right) in order to make reliable statements about quality.

Replacing the cylinder head cover – understanding the causes, avoiding damage

The cylinder head cover (valve cover) performs several key tasks in the engine: It gaskets the cylinder head and ensures that the engine oil is returned. The cylinder head cover can accommodate an integrated crankcase ventilation system, sensors, and ignition coils. Therefore, if there is visible damage, defects in the crankcase ventilation, or during major repairs, it should be completely replaced – instead of just changing the gasket.

Typical symptoms

- **Oil loss:** Visible oil stains on the engine or parking space due to defective gaskets, cracks, or warped material.
- **Uneven engine running:** False air or defective crankcase ventilation causes the engine to run unevenly, sometimes accompanied by a loss of power.
- **Whistling or hissing noises:** Indicates a defective or clogged crankcase ventilation system.
- **Error codes and warning lights:** The engine control unit registers deviations (e.g. secondary air, incorrect pressure values).
- **Defective crankcase ventilation:** If the integrated valve is blocked or leaking, excess pressure or secondary air is created. Oil pushes through gaskets, the engine runs unevenly, and in the worst case, damage to the turbocharger or timing chain is imminent.
- **Damaged fasteners or sensor mounts:** Aging or improper installation can cause brackets and slots on the cover to crack or break.

Common causes

- **Leaky seal:** Over time, the valve cover seal becomes brittle or hardens, causing oil to leak.
- **Cracks and warping in the material:** Modern valve covers are often made of plastic. Heat, cold, and vibrations lead to material fatigue, breakage, and leaks.

A defect rarely has no consequences

- **Increased oil consumption,** heavy contamination in the engine compartment
- **Permanent leaks** that damage other gaskets and components
- **Dirt ingress,** which means increased wear on camshafts, valves, and timing chain
- **Risk of fire** due to oil leakage

Your added value from Hengst

- **Everything from a single source**
- **Time and cost savings**
- **Wide range**
- **Durable products**
- **Repair solutions from the original equipment manufacturer**

Cylinder head covers in original equipment manufacturer quality

Our claim as an original equipment manufacturer is clear: highest quality, technological precision, and absolute reliability. We keep this promise in the independent aftermarket – with products that meet the highest standards and offer the best service – for workshops and retailers.

System
- Cylinder head cover with integrated oil mist separator

Application
- General Motors (GM) 50V L6 inline six-cylinder engine

Production
- Hengst plant in Camden, North Carolina

OE INSIDE

This also applies to our crankcase ventilation systems and intake manifold modules. Click here to go directly to the online catalog!

SCAN ME

Features
- **Multifunctional:** gaskets the cylinder head, prevents oil loss, and protects the valve train.
- **Integrated PCM:** Regulates crankcase pressure and ensures smooth engine running.
- **Material mix:** Combination of plastic and aluminum for stability, weight advantages, and temperature resistance.
- **Precision injection molding:** Manufactured with tight tolerances for a precise fit and tight seal.
- **Resilient:** High resistance to heat, cold, vibrations, and oil/fuel influences.

Check out the YouTube video in the HENGST.garage. There, our team presents the new cylinder head covers.

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Hengst cylinder head cover product range overview

Excerpt from the product range

Hengst Type	GTIN Code	Vehicle application	OE number
AZ620M D1025	4030776096880	OPEL ASTRA H (A04) OPEL ASTRA J (P10) OPEL CORSA D (S07) OPEL VECTRA C (Z02)	56 07 187 56 07 258
AZ621M D1008	4030776096897	BMW 1 (F20, F21, E82, E88) BMW 2 (F22, F23)	11 12 7 570 292 7 570 292
AZ622M D1009	4030776096415	BMW 1 (E81, E88) BMW 3 (E90, E91, E92) BMW 5 (E60)	11 12 7 552 281 7 552 281
AZ623M D1010	4030776096903	CITRÖEN C3 I (FC_, FN_) CITRÖEN C4 I (LC_) PEUGEOT 307 SW (3H) PEUGEOT 407 SW (6E_, 6D_)	0248.L1
AZ624M D1011	4030776096392	BMW 2 (F22, F87) BMW 3 (F30, F80) BMW 3 (F34) BMW 4 (F33; F83)	11 12 7 810 584 11 12 8 570 828 11 12 8 589 941
AZ625M D1012	4030776096910	OPEL ASTRA J (P10) OPEL CORSA E (X15) OPEL INSIGNIA A (G09) OPEL MERIVA B (S10)	06 07 145 06 07 697

AZ620M D1025 | AZ623M D1010 | AZ624M D1011 | AZ625M D1012

Excerpt from the product range

Hengst Type	GTIN Code	Vehicle application	OE number
AZ626M D1013	4030776096385	AUDI A3 (8P1) AUDI Q3 (8UB, 8UG) SEAT ALHAMBRA (710, 711) SEAT LEON (1P1) SKODA OCTAVIA II (1Z3) SKODA FABIA II (545)	03L 103 469 C 03L 103 469 R
AZ627M D1014	4030776097368	PEUGEOT C3 II (SC_) CITRÖEN BERLINGO (B9) VOLVO V60 I (155)	0248.S0
AZ628M D1015	4030776096927	BMW 3 (E92) BMW 3 (F34) BMW 4 (F36) BMW 5 (F10) BMW 5 (F11)	11 12 7 800 309 11 12 7 823 181 11 12 8 515 745
AZ629M D1016	4030776096408	AUDI A3 (8V1, 8VK) AUDI A3 (8V7, 8VE) VW GOLF VII (5G1, BQ1, BE1, BE2)	03L 103 469 AD 03L 103 469 S 04L 103 469
AZ630M D1017	4030776096378	AUDI A3 (8P7) SEAT LEON (1P1) SKODA OCTAVIA II (1Z3) GOLF V (1K1)	038 103 483 D 038 133 287 C 03G 103 469 G
AZ631M D1018	4030776096934	BMW 3 (E93) BMW 7 (F01, F02, F03, F04) BMW X6 (E71, E72) BMW Z4 (E89)	11 12 7 565 284 7 565 284
AZ632M D1023	4030776096941	BMW 1 (E87) BMW 3 (E91) BMW 5 (E60) BMW X1 (E84) BMW X3 (E83) BMW Z4 (E85)	11 12 7 553 171 11 12 7 555 212 11 12 8 645 888

Excerpt from the product range

Hengst Type	GTIN Code	Vehicle application	OE number
AZ633M D1024	4030776096958	MINI (R55, R56, R57, R58)	11 12 7 561 714 11 12 7 572 854
AZ634M D1026	4030776096965	OPEL ASTRA G (T98) ASTRA H (A04) MERIVA A (X03) VECTRA C (Z02)	24 440 090 55 556 284 56 07 159
AZ635M D1027	4030776096972	AUDI A4 B6 (8E2) SEAT ALHAMBRA (7V8, 7V9) SKODA SUPERB I (3U4) VW PASSAT B5.5 (3B3)	038 103 469 AE 038 103 469 AJ 038 103 469 R
AZ636M D1028	4030776096989	AUDI A3 (8L1) SEAT ALTEA (5P1) VW BORA I (1J2) SKODA FABIA I (6Y2)	038 103 469 AD 038 103 469 AH 038 103 469 M
AZ637M D1029	4030776096996	MERCEDES-BENZ A-CLASS (W176) MERCEDES-BENZ B-CLASS (W246, W242) MERCEDES-BENZ CITAN (W415)	A 607 010 03 00 607 010 03 00
AZ638M D1033	4030776097009	PEUGEOT 2008 I (CU_) PEUGEOT 3008 CITRÖEN C3 II (SC_) CITRÖEN C5 III (RD_)	0248.Q5
HZ100M D1030	4030776097016	LAND ROVER DISCOVERY IV (L319) RANGE ROVER IV (L405) RANGE ROVER SPORT I (L320)	LR019611 LR057380 LR166340
HZ101M D1031	4030776097023	LAND ROVER DISCOVERY IV (L319) RANGE ROVER IV (L405) RANGE ROVER SPORT I (L320)	LR019606 LR057379 LR013085
HZ102M D1032	4030776097030	AUDI A1 (8X1, 8XK) AUDI TT (8J3) SKODA OCTAVIA II (1Z5) VOLKSWAGEN PASSAT B6 (3C2)	06F 103 469F 06F 1034 69G 06F 103 469 K

AZ626M D1013

AZ628M D1015

AZ629M D1016

AZ630M D1017

AZ634M D1026

AZ635M D1027

AZ638M D1033

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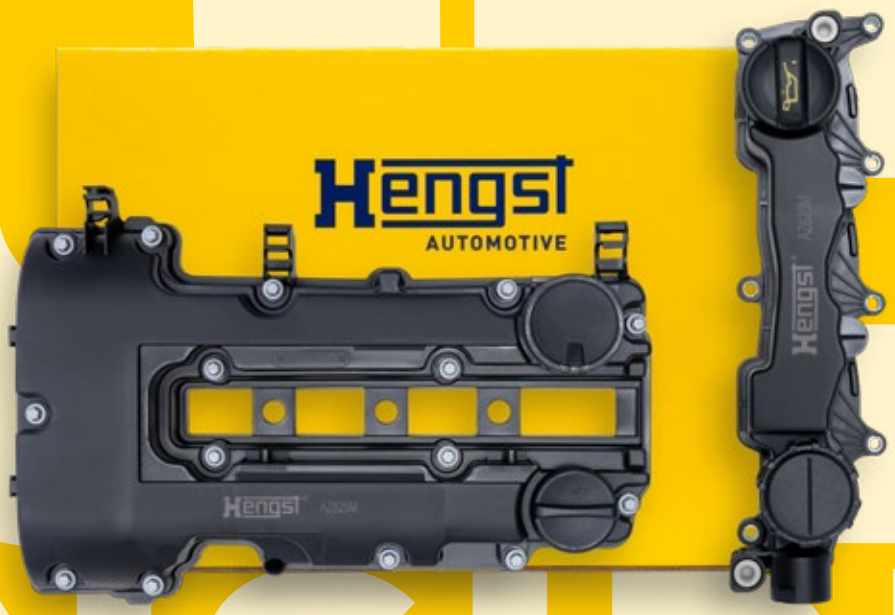
All information is provided without guarantee.
The table shown is an excerpt from our constantly growing product range. For more detailed information on the above vehicle assignments and other vehicle applications, please visit our online catalog: catalog.hengst.com

OE INSIDE



Built on OE. Made for the Aftermarket.

Since 1958, Hengst has stood for OEM quality, technical precision and partnership. With OE inside, we bring these strengths to the aftermarket – with proven standards, high product availability on four continents and a broad portfolio for all important applications. For wholesalers: this means reliable product ranges, fast digital processes with parts always available. For garages: parts that work, quality that impresses and services that you can rely on.

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Hengst SE
Nienkamp 55-85 | 48147 Münster | Germany
+49 251 20202-0 | aftermarket@hengst.com
hengst.com

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