

Halo BLK: full report

HALODISC Tesla wheel covers, the company, manufacturing, distribution and patents

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Dark gray Tesla Model Y, front three-quarter view, fitted with black full wheel covers of the HALODISC 2 type, locked at the center of the wheel. AI-generated illustration based on Halo BLK's visuals, for illustration only; the actual product may differ.

This report is published by T - Lab, a Tesla accessories workshop and store in France. T - Lab does not sell Halo BLK products and has no commercial relationship with the brand; it sells other wheel covers for Tesla (page in French). This report was written from public sources, checked on 21 October 2026, without contacting the brand or buying its products. Errors or information that needs updating can be reported to T - Lab through the Contact page (in French). "Halo BLK", "HaloBLK", "HALODISC" and "HaloStation" are trademarks of their respective owners, cited to designate their products. "Tesla" and "Cybertruck" are trademarks of Tesla, Inc.; these names, like those of the models and wheels, are cited to indicate compatibility and to designate original equipment, and T - Lab is neither affiliated with nor endorsed by Tesla, Inc. The Taiwanese workshop "SPACE T LAB", listed among Halo BLK's dealers, and the translation app "TranslationLab" (t-lab-ai-language-translate) loaded by the haloblk.com website have no connection with T - Lab [28][2].

Short illustrated online version: <https://t-lab.fr/en/halo-blk/>

Halo BLK: Tesla wheel covers, company, manufacturing and patents

Halo BLK (also written HaloBLK or HALOBLK) is a brand of Tesla accessories: **ESTABLISHED** its catalog is primarily devoted to HALODISC 2 full wheel covers ^[1]. **CLAIMED** These discs cover the face of the wheel and lock into the center of the rim ^{[2][3]}. **CLAIMED** The brand describes itself as based in Irvine, California ^{[4][5]}; **ESTABLISHED** its European trademark belongs to a company in Shenzhen, China ^[6]. This report brings together what can be verified about its wheel covers, its companies, its manufacturing, its sales and its patents, keeping established facts apart from the brand's own claims.

Sources last checked: 21 October 2026. Published by T - Lab, a Tesla accessories workshop and store in France that sells other wheel covers for Tesla; T - Lab has no commercial relationship with Halo BLK and does not sell its products.

Key verified facts

The brand

ESTABLISHED HALOBLK is a European Union trademark registered on 21 December 2022 in the name of Shenzhen Microgravity Technology Co., Ltd. (深圳市微重力科技有限公司), in Shenzhen; it expressly covers wheel covers and applies in France ^[6].

The US company

CLAIMED The brand says it is based in Irvine, California, and was founded in 2021 by "Scott Z." ^{[4][5]}; **ESTABLISHED** a California company, Haloblk Innovation Inc, imported its containers in 2025 ^{[7][8]}.

The product

CLAIMED The HALODISC 2 is a full disc that locks into the center of the wheel with a "Center Lock", without touching the lug nuts ^{[2][3]}.

Fitment

ESTABLISHED On 21 October 2026, the website offers the Tesla Model 3, Model Y, Model S and Model X in 18 to 21" depending on the model, and the Cybertruck in 20" ^[1]; **CLAIMED** three original wheels are excluded, including the 18" Prismata of the 2026 Tesla Model 3 Standard ^[9].

Price

ESTABLISHED On haloblk.com, a set of 4 costs from \$219 (plain disc) to \$438 (Custom Numbers for Cybertruck), in US dollars even for France; in France, the dealer Green Drive sells it from €294.90 including VAT ^{[1][2][10]}.

Manufacturing

ESTABLISHED The three containers received in 2025 by the US company were shipped from Yantian, the port of Shenzhen, by Shenzhen Microgravity or by a Halo BLK entity in Hong Kong ^{[8][11][12]}; **UNCONFIRMED** no public document names the factory that makes the discs ^{[13][14]}.

Patents

ESTABLISHED Shenzhen Microgravity holds a US patent (US 12,415,379 B1) and a Chinese utility model on a central lock for wheel covers ^{[15][16]}; **ANALYSIS** that they cover the HALODISC 2 Center Lock is very probable, but no document says so ^[17]; **ESTABLISHED** no corresponding European patent has been found ^[18].

Range

CLAIMED The claimed gain ranges from 1 to 10% depending on the page, with no complete protocol published ^{[19][20][21]}; **CLAIMED** the only press test, published by CleanTechnica on a set supplied by the brand and fitted to a Cybertruck, shows 5 to 9% better highway efficiency compared with bare wheels ^[22].

Stated limits

CLAIMED 110 mph (177 km/h) maximum, valve stem covered (the disc must be removed to inflate the tire), hand washing, 6-month warranty, orders delivered outside the United States sold as "Final Sale" ^{[19][2][9][23][24]}.

Sales

UNCONFIRMED Worldwide sales, number of orders and recent revenue: not public ^[25]; **CLAIMED** the Chinese press reported in 2024 a 2023 revenue of "数千万元" (several tens of millions of yuan) for "黑洛科技" ^[14], the Chinese business to which a 2022 article attributes the design of the HaloDisc ^[13].

In France

ESTABLISHED Green Drive (company MJ2S, in Claix) resells the HALODISC 2 ^{[26][27]}; **CLAIMED** it presents itself as the exclusive distributor in Europe ^[26]; **ESTABLISHED** the brand's dealer list also names SilentDrive (Germany) and Robot Bodykits (United Kingdom) ^{[28][29][30]}.

How to read this report

Each important piece of information carries a label, placed just before it, and one or more numbers that point to the list of sources at the bottom of the page.

ESTABLISHED means that a document or a verifiable source independent of the brand proves it: a register, a published patent, customs data, a third-party page, an independent test. A price or availability status recorded from a store on a given date is also established: it records what the store displayed that day.

CLAIMED means that Halo BLK, a dealer, a partner or the author of a test who publishes neither protocol nor data says so (website, product page, blog, press release, sponsored article, test on a product supplied by the brand), without independent confirmation.

ANALYSIS flags a deduction or an estimate by T - Lab based on the sources cited; the method is stated.

UNCONFIRMED flags information that is not public or cannot be verified; what is missing is stated.

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Halo BLK wheel covers: the HALODISC 2 and its ranges

CLAIMED The HALODISC 2 is a full wheel cover: a plastic disc that fits over the original wheel, covers its entire face and locks at its center ^{[2][3]}. **ESTABLISHED** Halo BLK sells it in sets of 4, as well as individual discs and parts ^[1]. In this report, "wheel cover" (also called an aero cover, or a hubcap in everyday language) means this add-on disc, not the wheel itself; " means inches.



Plain disc. A black disc with no pattern, like the RTP range described below. On these three discs, as in the illustration on the title page, the center cap has been redrawn from the brand's photos: a ring with four slots, HALOBLK written at the top and upside down at the bottom, and the emblem in the middle. AI-generated illustration based on Halo BLK's visuals, for illustration only; the actual product may differ.



Patterned disc. The curved white stripes are an illustrative pattern, chosen so as not to copy any of the brand's designs: it is not a design sold by Halo BLK. **ESTABLISHED** The brand's graphic sets, such as Arrow, X-Factor or Vision-GT, have designs of their own ^[1]. AI-generated illustration based on Halo BLK's visuals, for illustration only; the actual product may differ.



Numbered disc. A large white number and a center cap with a red ring, as in the Custom Numbers series: **ESTABLISHED** its color option has five values, including red ^[1]. **CLAIMED** According to the brand, only the two rear wheels carry a number ^[34]. AI-generated illustration based on Halo BLK's visuals, for illustration only; the actual product may differ.

The catalog on 21 October 2026

ESTABLISHED The public catalog of haloblk.com lists 75 products on 21 October 2026. For the wheels: 12 sets of 4 HALODISC 2, 23 listings of replacement discs, 9 center caps and 8 mounting parts or tools. The other 23 listings cover other accessories: spoilers, mirror caps, consoles, pedals, sunshades, mud flaps and a body livery ^{[1][31][32]}.

ESTABLISHED The 12 sets of 4 are: RTP Black, RTP White, Cyber Track, Arrow, X-Factor, H-Industry, Charging, Supercharger, Vision-GT, Silver Track, Custom Numbers Black and Custom Numbers White ^[1].

- **CLAIMED** RTP is a plain disc for owners to decorate themselves (vinyl, stickers, paint), supplied, according to the brand, in a satin black or white primer ^{[2][33]}.
- **ESTABLISHED** Custom Numbers have a color option with 5 values: red, blue, orange, green and gray ^[1]. **CLAIMED** According to the brand, they carry a number from 00 to 99, the same on both rear wheels (the front wheels carry none), with optional engraving of up to 30 characters ^[34]. **CLAIMED** The series was launched with a paid press release dated 15 October 2025 ^[4].
- **ANALYSIS** The full graphic sets (Arrow, X-Factor, H-Industry, Charging, Vision-GT, Silver Track, Cyber Track, Supercharger) have no color option on haloblk.com and their SKUs all carry the code "BKBK": they appear to be sold in black only, whereas Green Drive offers black or white for all its designs. Method: reading the catalog options and SKUs ^{[1][10]}.
- **ESTABLISHED** The Supercharger set is unavailable in all 24 of its variants, although the fitment guide still lists it ^{[1][9]}.
- **ESTABLISHED** The Turbo, Lucky Day and Rainbow Road designs are now sold only as replacement discs, without hardware ^{[35][31]}.

The Cybertruck version

ESTABLISHED On 21 October 2026, two 20" sets for the Tesla Cybertruck are marked available: RTP Black at \$328 and Custom Numbers Black at \$438. The 18, 19 and 21" sizes are unavailable, and there is no Cybertruck version in white or in a graphic design. These variants were created on 12 October 2026 ^[1].

CLAIMED According to the brand, the kit fits the original 20" wheels, does not replace the lug nuts and does not affect the tire pressure monitoring system ^[36]. **UNCONFIRMED** "Available" means that a variant can be ordered, not that it has been delivered.

Before the HALODISC 2: the HaloDisc

ESTABLISHED An archive from 25 July 2022 shows the first "HaloDisc", sold at \$249 for a set of 2 by a store called "HaloEffect store", in 16 styles and for three wheels: Tesla Model 3 18" Aero, Model 3 19" Zero G and Model Y 19" Gemini ^[37]. **CLAIMED** The brand then advertised a disc made of "fireproof" ABS and polycarbonate, decorated with a 3M sticker ^[37]. **ESTABLISHED** In June 2024, it sold for \$199 ^[38]; **CLAIMED** its product page described installation "using a pry bar" in about ten minutes ^[38]. **ANALYSIS** The names Vision-GT, Arrow and Charging already existed: they predate the HALODISC 2. Method: comparison of the 2022 archive with the current catalog ^{[37][1]}.

HALODISC 2 ranges on haloblk.com, set of 4, prices recorded on 21 October 2026 in US dollars

RANGE	DESIGN AND COLOR	MODELS OFFERED	PRICE 18-19"; 20-21"	VARIANTS AVAILABLE
RTP Black	plain, to decorate; black	Tesla Model 3, Model 3 Highland, Model Y, Model Y Juniper, Model S, Model X; Tesla Cybertruck 20"	ESTABLISHED \$219; \$239; Cybertruck \$328 ^[1]	15 of 28 ^[1]
RTP White	plain, to decorate; white	the 6 models, no Cybertruck	ESTABLISHED \$229; \$249 ^[1]	14 of 24 ^[1]
Cyber Track	1 design; black	the 6 models	ESTABLISHED \$269; \$289 ^[1]	14 of 24 ^[1]
Arrow, X-Factor, H-Industry, Charging, Vision-GT, Silver Track	6 designs; black	the 6 models	ESTABLISHED \$336; \$358 ^[1]	14 of 24 each; Vision-GT 12 of 24 ^[1]
Supercharger	1 design; black	the 6 models	ESTABLISHED \$336; \$309, lower price in 20-21" as displayed ^[1]	0 of 24 ^[1]
Custom Numbers Black	number from 00 to 99, 5 colors; black	the 6 models; Cybertruck 20"	ESTABLISHED \$409; \$429; Cybertruck \$438 ^[1]	75 of 140 ^[1]
Custom Numbers White	number from 00 to 99, 5 colors; white	the 6 models	ESTABLISHED \$409; \$429 ^[1]	70 of 120 ^[1]
Turbo, Lucky Day, Rainbow Road	replacement discs only	see spare parts	ESTABLISHED \$235; \$290 for 4 discs; Rainbow Road \$245; \$300 ^[1]	not applicable

A variant is a combination of model, size and color. **CLAIMED** "Available" is the store's flag: according to the brand's own guide, a design being displayed does not mean that every size is in stock ^[9]. The crossed-out prices shown next to some prices are reference prices set by the seller; this report does not treat them as former prices (see the pricing section).

Halo BLK wheel cover fitment for Tesla models

ESTABLISHED The selector for sets of 4 offers six models in 18, 19, 20 and 21": Tesla Model 3 (before the Highland refresh), Tesla Model 3 Highland, Tesla Model Y (before the Juniper refresh), Tesla Model Y Juniper, Tesla Model S and Tesla Model X, plus the Cybertruck for two sets. The sizes marked available on 21 October 2026 are the same for all designs on sale, with one exception for Vision-GT ^[1].

Sizes offered and wheels named by Halo BLK, haloblk.com selector on 21 October 2026

MODEL (BRAND'S LABEL)	SIZES AVAILABLE	WHEELS NAMED BY THE BRAND	EXCLUSIONS AND CAVEATS
Tesla Model 3 (before the Highland refresh)	ESTABLISHED 18, 19 and 20"; Vision-GT unavailable in 19"; 21" shown but unavailable ^[1]	CLAIMED 18" Aero; 19" Sport, Stiletto, Zero-G; 20" Überturbine and "Performance" ^[39]	CLAIMED non-Tesla wheels excluded ^[2]
Tesla Model 3 Highland	ESTABLISHED 18, 19 and 20" ^[1]	CLAIMED 18" Photon, 19" Nova, 20" Warp ^[39]	CLAIMED excluded: 2026 Tesla Model 3 Standard on 18" Prismata; 18" so-called "iron" wheels: "not at the moment" ^{[9][2]}
Tesla Model Y (before the Juniper refresh)	ESTABLISHED 19, 20 and 21"; Vision-GT unavailable in 19" ^[1]	CLAIMED 19" Gemini, 20" Induction, 21" Überturbine ^{[9][39]}	no published exclusion
Tesla Model Y Juniper	ESTABLISHED 19 and 20" ^[1]	CLAIMED 19" Crossflow, 20" Helix 2.0 ^[9]	CLAIMED excluded: 2026 Tesla Model Y Standard on 18" Aperture, and 21" Arachnid 2.0; nothing for the 2026 Juniper Performance ^{[9][2]}
Tesla Model S	ESTABLISHED 19 and 21" ^[1]	CLAIMED 19" Tempest, Slipstream; 21" Arachnid, Turbine ^[39]	CLAIMED not before 2017 or 2018, depending on the brand's answer ^[2]
Tesla Model X	ESTABLISHED 20" only ^[1]	CLAIMED 20" Slipstream, Cyberstream ^[39] ; 22" Turbine announced in an FAQ ^[40]	ESTABLISHED no 22" in the selector ^[1]
Tesla Cybertruck	ESTABLISHED 20" (RTP Black and Custom Numbers Black) ^[1]	CLAIMED original 20" wheels ^[36]	CLAIMED excluded: 18" Molten wheel ^[34]

UNCONFIRMED The wheel names are those used by Halo BLK; they have not been checked against Tesla's own nomenclature. **CLAIMED** Wheels that are not original Tesla wheels are excluded according to the brand's answers ^[2]; yet its guide asks, for such wheels, never to assume fitment and to provide brand, model, size, offset (the position of the wheel relative to the hub) and photos for a case-by-case check ^[9].

One kit per model or one kit per diameter?

ANALYSIS For a given diameter, each design has only one SKU, shared by all six models: the 18" Arrow, for example, carries the same SKU for the Tesla Model 3, Model 3 Highland, Model Y, Model Y Juniper, Model S and Model X; only the Cybertruck has its own. The mounting parts sold separately exist only in left or right versions, with no model-specific version. Reading: for a given diameter, the kit shipped would be the same whatever the model. Method: comparison of SKUs in the public catalog; the physical contents of the boxes have not been checked ^{[1][32]}.

CLAIMED In undated answers published on its product pages, the brand writes that any 18" disc on its site would fit a 2019 Tesla Model 3 on 18" wheels, that any 20" disc would fit a 2021 Tesla Model 3 Performance, and that a Tesla Model X 20" set and a Tesla Model 3 Performance 20" set are interchangeable ^[2]. **CLAIMED** Its fitment guide, by contrast, refers to a mounting and locking system specific to each model, and answers no to the question of whether any 19" HALODISC 2 fits any 19" Tesla wheel: according to the guide, diameter is not enough, and the mounting points and original covers also matter ^[9]. **ANALYSIS** These pages therefore do not agree; the exact wheel should be confirmed before buying. Method: comparison of the SKUs and the pages cited ^{[1][2][9]}.

Excluded wheels and the Prismata case in France

CLAIMED The fitment guide, whose last review is given as 15 July 2026, excludes three original wheels: the 18" Prismata of the 2026 Tesla Model 3 Standard, the 18" Aperture of the 2026 Tesla Model Y Juniper Standard and the 21" Arachnid 2.0 of the 2026 Tesla Model Y Juniper; the Custom Numbers product page adds the Cybertruck's 18" Molten wheel ^{[9][34]}. **CLAIMED** Choosing these sizes opens a warning window, but it does not block the purchase ^[2].

ESTABLISHED Electrive (5 December 2025) reports the launch in Germany of the Tesla Model 3 Standard on 18" Prismata wheels, with no other option; Not a Tesla App (29 August 2026) writes that Tesla replaced the 18" Photon wheels with 18" Prismata wheels on the entry-level Tesla Model 3 Rear-Wheel Drive in left-hand-drive European markets, France included. The two articles do not date this change the same way ^[41] ^[42]. **ANALYSIS** Some recent entry-level Tesla Model 3 cars sold in France therefore ride on 18" Prismata wheels, which Halo BLK excludes; Green Drive does not list the Tesla Model 3 "2024+ Standard" in its fitment either. Method: cross-checking the press and the brand's guide ^{[41][42][9][10]}.

Other discrepancies between published pages

- **ANALYSIS** The FAQ of the Tesla Model X collection announces a 22" Turbine kit, but the selector offers no 22" and the X-Factor product page answers that it is not offered for now ^{[40][1][43]}.
- **CLAIMED** Green Drive's product pages list Tesla Model S wheels from 2012 to 2021 (19" Slipstream, 21" Turbine) ^[44]; **CLAIMED** in undated answers, Halo BLK writes that Tesla Model S cars from before 2017 or 2018 are not compatible ^[2]. For those years, the wheel should be confirmed before buying.
- **CLAIMED** Green Drive shows a "Model Y 2025+ Performance" fitment ^[45]; **CLAIMED** Halo BLK writes that it offers nothing for the 2026 Tesla Model Y Juniper Performance ^[2].
- **CLAIMED** Some published answers are out of date: one announces that the Cybertruck version was discontinued in August, another that there is no shipping to Canada, although a Canadian store exists and the Cybertruck version is on sale in October 2026 ^[2].

Mounting, kit contents and specifications

The “Center Lock” mechanism

CLAIMED Halo BLK describes a modular center lock with a dedicated key, “only removable by the owner”: the disc attaches at the center of the wheel, on the hub, without touching the lug nuts; the dimension given for the lock is 51 to 52 mm ^{[2][3]}. **CLAIMED** To install the disc, the original wheel cover or center cap must be removed, the mechanism placed at the center of the wheel, then locked with the supplied tool; the guide states that no cutting, drilling or permanent modification should be needed ^{[34][9]}.

ANALYSIS The 51 to 52 mm figure is the dimension the brand gives for its lock, probably the opening for the wheel’s center cap; nothing indicates that it is the bore of the Tesla hub, whose dimension has not been checked here. Method: reading the brand’s answer ^[2].

CLAIMED Stated composition of the lock: body in POM (an engineering plastic), 304 stainless steel ball, anti-slip rubber gasket; the lock core is zinc according to the product pages and titanium alloy according to the mechanism page: the two pages do not agree ^{[2][43][3]}.

ESTABLISHED The Centerlock tool is sold separately, at \$13, under a single SKU with no variant ^{[46][32]}.

UNCONFIRMED The brand does not say whether each set has its own key or code, nor how the lock prevents removal by a third party; this has not been checked on a physical part.

CLAIMED Installation and removal: 30 seconds per wheel according to the product pages, about 10 to 15 minutes in total according to a blog post of 29 October 2025 (clean the center bore, that is, the hole at the center of the wheel, align the disc with the lug nuts, lock clockwise, press on the cap) ^{[19][47]}.

UNCONFIRMED Several points are not explained publicly: why the hub inserts and lock caps come in left and right versions, the difference between H1 and H2 caps, the tightening torque. The official 16-page PDF instructions contain no machine-readable text ^{[48][32]}.

ANALYSIS Some of the brand’s texts do not match the product sold: the FAQ of the Tesla Model 3 Highland collection describes a clip-on cover pressed into place and aligned with the valve stem, the Custom Numbers FAQ a universal “reinforced clip design”. The technical description in this report is therefore based on the product pages and the brand’s answers. Method: comparison with the product pages and the brand’s answers ^{[49][34]}.

CLAIMED A post on Green Drive’s blog (17 July 2026) describes a “V2 clip system” installed “tool-free” in 10 minutes ^[50]; **ESTABLISHED** Green Drive’s product page lists the Centerlock tool in the kit ^[10]; **CLAIMED** the brand describes a center-lock attachment tightened with this tool ^{[2][3]}.

Contents of the set

CLAIMED Stated contents of a set of 4 in 2026: 4 HALODISC discs, 4 HALODISC caps (metallic red for Custom Numbers), 4 Centerlock hub inserts, 4 Centerlock lock caps, 1 Centerlock tool, 1 hex key (1/4”), 1 removal hook, 1 pair of anti-slip gloves and 1 protective strip ^{[43][34]}. **CLAIMED** The lists vary from page to page: the January 2025 list did not include the protective strip, and an October 2025 post mentions a “Precision Torque Tool”, instructions, a cloth and foam pads ^{[51][47]}.

Material, weight and other specifications

HALODISC 2 specifications published by Halo BLK, with their status

ITEM	WHAT IS PUBLISHED	REMARK
Disc material	CLAIMED ABS and polycarbonate, matte UV-resistant coating; rubber base along the wheel ^{[34][2]}	CLAIMED Amazon listing: ABS and metal ^[52]

ITEM	WHAT IS PUBLISHED	REMARK
Decoration	CLAIMED Cyber Track: screen printing under a satin clear coat; X-Factor: 0.1 mm laser-engraved grid ^{[53][54]}	ANALYSIS the “anodic” layer claimed for X-Factor is usually found on metals ^[54]
Weight	ANALYSIS no disc weight published; the catalog gives only a shipping weight of 7,000 to 9,500 g per set, packaging included ^[1]	a shipping setting, not a measured weight
Maximum speed	CLAIMED 110 mph (177 km/h), no track use or racing ^[19]	CLAIMED the same page states elsewhere that the disc holds “no matter the speed” ^[19]
Valve stem	CLAIMED covered: the disc must be removed to inflate the tire (15 seconds), then refitted (5 seconds) ^[2]	CLAIMED the X-Factor page states the opposite ^[43]
Brakes	CLAIMED “hidden vent channels” said to preserve brake rotor airflow ^{[40][55]}	UNCONFIRMED no published test
Noise	CLAIMED the disc must keep a precise distance from the tire; a 20” disc on an 18” wheel can make noise ^[2]	no other source
Tire pressure (TPMS)	UNCONFIRMED addressed for the Cybertruck only ^[36]	nothing for the Tesla Model 3 and Model Y
Snow chains	UNCONFIRMED never mentioned; an FAQ claims “all-season” use ^[34]	no instruction found
Warranty	CLAIMED 6 months from delivery ^[24]	CLAIMED Green Drive: 2 years ^[10]

The next section reproduces and explains the eight drawings of patent US 12,415,379 B1, which describes a center lock for a wheel cover, and sets out what is known about their link with this Center Lock ^[15].

Drawings of a wheel cover center lock: the figures of patent US 12,415,379 B1

A patent describes an invention in words and in drawings. **ESTABLISHED** The drawings of US patent 12,415,379 B1, "Hubcap central locking mechanism", are published by the United States Patent and Trademark Office (USPTO) in a public PDF; the eight figures below are taken from it ^[15]. **ESTABLISHED** The patent owner is Shenzhen Microgravity Technology Co., Ltd., the Shenzhen company that also owns the European Union trademark HALOBLK ^{[15][6]}. These are technical drawings in perspective, with no dimensions at all: they show the shape of the parts and how they fit together, not their size, and they are not photos of the product sold.

Each part carries a number, called a reference numeral, connected to it by a thin line. **ESTABLISHED** The patent text names fourteen parts, numbered 1 to 14, and explains what each one does ^{[15][180]}. Most of the other numbers point to a detail of a part: 45, for example, refers to the ball holes of the lock body (4). The numerals 3' and 31 relate to the variant shown in figures 7 and 8. The captions explain every number except 82, which the patent text does not define.

ANALYSIS That this patent covers the HALODISC 2 "Center Lock" is very probable, but no document says so (see the patents section). Two discrepancies remain. First, claim 1 includes a screw, whereas the brand promises installation with "no screws"; in the patent, this screw (1) stays inside the mechanism, where it joins the pressing member (8) to the outer supporting member (2). Second, the patent describes a silicone gasket, the brand a rubber gasket ^{[17][3][146][15]}.

The exploded view and the assembled unit

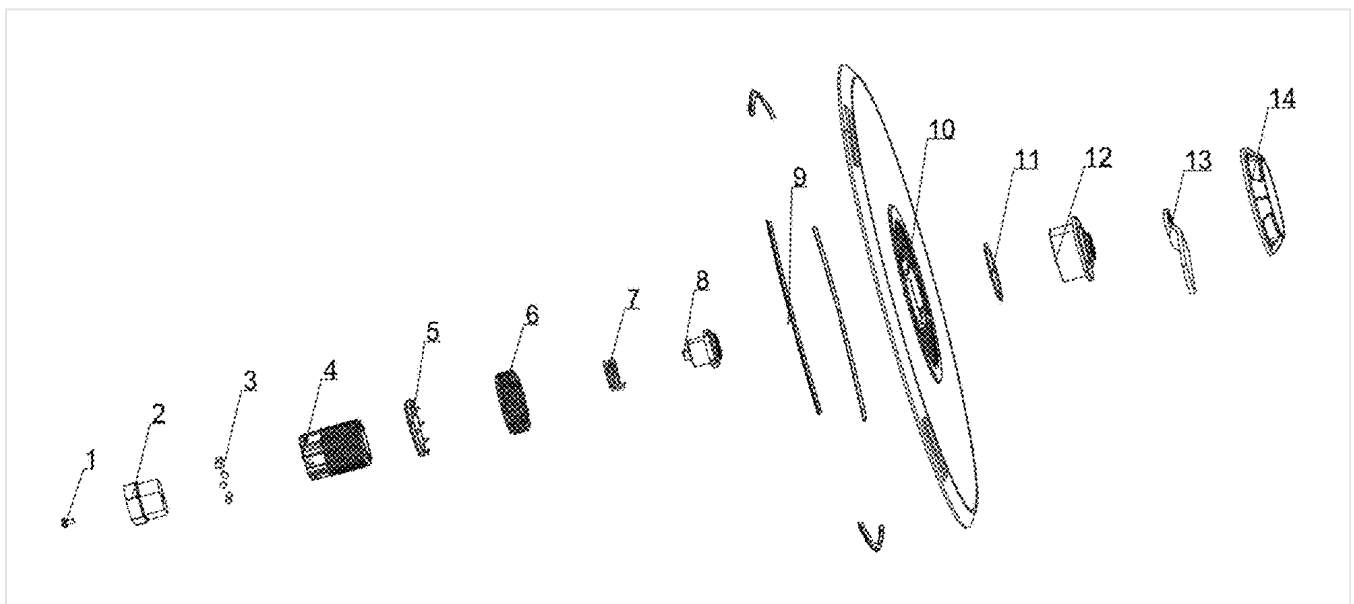


Figure 1. Exploded view of the whole assembly: the fourteen parts are drawn apart from one another along their common axis, from the screw (1), on the left, to the decorative cover (14), on the right. The large disc is the hubcap (10), that is, the wheel cover itself; the tool wrench (13) is drawn between the hubcap locking member (12) and the decorative cover. Numerals shown: 1 to 14 ^[15].

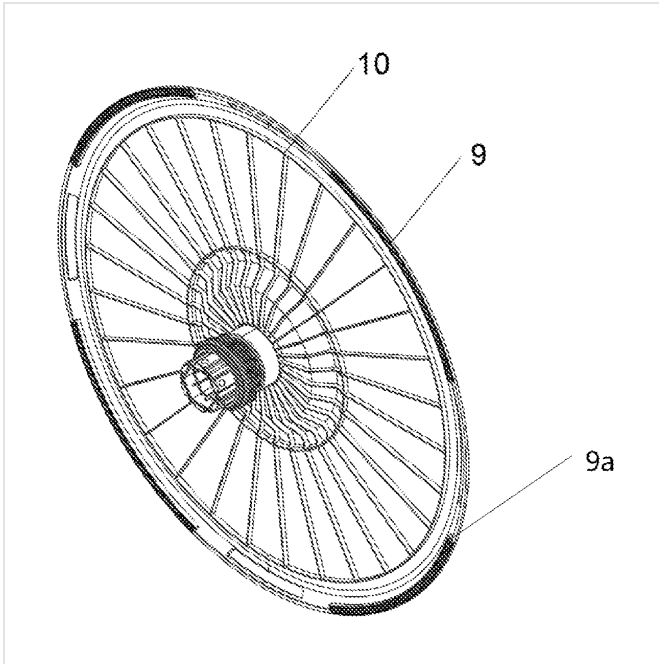


Figure 2. The assembled unit: the hubcap (10), seen at a three-quarter angle, with the locking mechanism at its center. The silicone strips (9) sit in the grooves (9a) that the patent places on the inner edge of the hubcap; in the drawing, strips and grooves run around the edge of the disc. Numerals shown: 9, 9a and 10 ^[15].

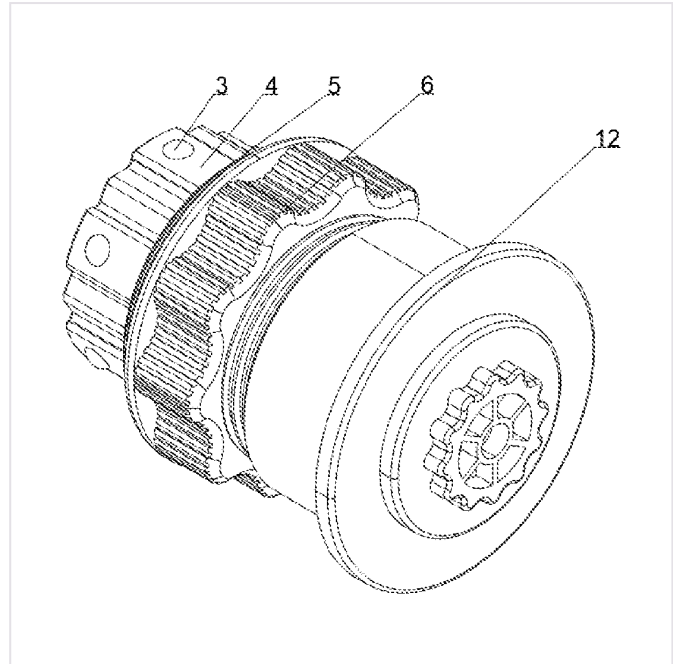


Figure 3. The central locking mechanism on its own. On the left, the part that goes into the center hole of the wheel, with a ball (3) in the lock body (4); then the gasket (5), the locking member (6) and, on the right, the hubcap locking member (12). Numerals shown: 3, 4, 5, 6 and 12 ^[15].

What the fourteen parts do

Numerals 1 to 14 of patent US 12,415,379 B1: name of each part and its role, according to the patent's description ^{[15][180]}

NUMERAL	PART (THE PATENT'S OWN TERM, EXPLAINED)	ROLE ACCORDING TO THE DESCRIPTION
1	screw	It passes through the outer supporting member (2) and screws into the pressing member (8), joining the two.
2	outer supporting member (a sliding part inside the lock body)	Pushed back by the spring (7), it returns to its position, pushes the balls (3) into their holes and stops them from retracting: the mechanism stays locked in the center hole of the wheel.
3	clamping bead (a locking ball)	Six balls held in the lock body (4); they press against the wall of the center hole of the wheel and hold the mechanism there.
4	primary member of central locking module (the lock body)	A part pierced with six ball holes (45); its threaded side (41) takes the locking member (6), and the hubcap locking member (12) also screws onto it.
5	wheel hub silicone gasket (a silicone ring that bears against the wheel)	Placed under the locking member (6), it tightens the threads further, reduces play and increases friction against the wheel.
6	locking member of central locking mechanism (a threaded ring, like a nut)	Screwed onto the lock body (4) until it presses against the outer edge of the center hole of the wheel, it completes the fastening of the mechanism.
7	spring	It brings the pressing member (8) and the outer supporting member (2) back into position when they are released.
8	interlinked pressing member (a part you push, then turn)	It is pushed in to let the balls retract during installation, then turned with the tool wrench (13) to screw on the locking member (6), held with the other hand.

NUMERAL	PART (THE PATENT'S OWN TERM, EXPLAINED)	ROLE ACCORDING TO THE DESCRIPTION
9	tire silicone rubber strip (a silicone strip)	One or more strips, fitted in the four circular grooves (9a) on the inner edge of the hubcap: they increase friction with the tire or the wheel and stop the hubcap from turning at high speed.
10	hubcap (here, the wheel cover itself)	The disc that covers the wheel; it has a round hole at its center and is clamped by the hubcap locking member (12).
11	hubcap silicone gasket (a silicone ring)	Fitted in a groove (121) of the hubcap locking member (12), it increases friction with the hubcap and stops the thread from loosening under vibration.
12	hubcap locking member (the part that clamps the wheel cover)	Screwed onto the lock body (4) with the tool wrench (13), it clamps the hubcap (10) with its circular flange.
13	tool wrench (the tightening tool)	The tool used to turn the pressing member (8), then the hubcap locking member (12).
14	decorative cover (a decorative cap)	Fitted last, it attaches to the hubcap (10) with a rotating buckle (a twist-on catch).

The cross-section views

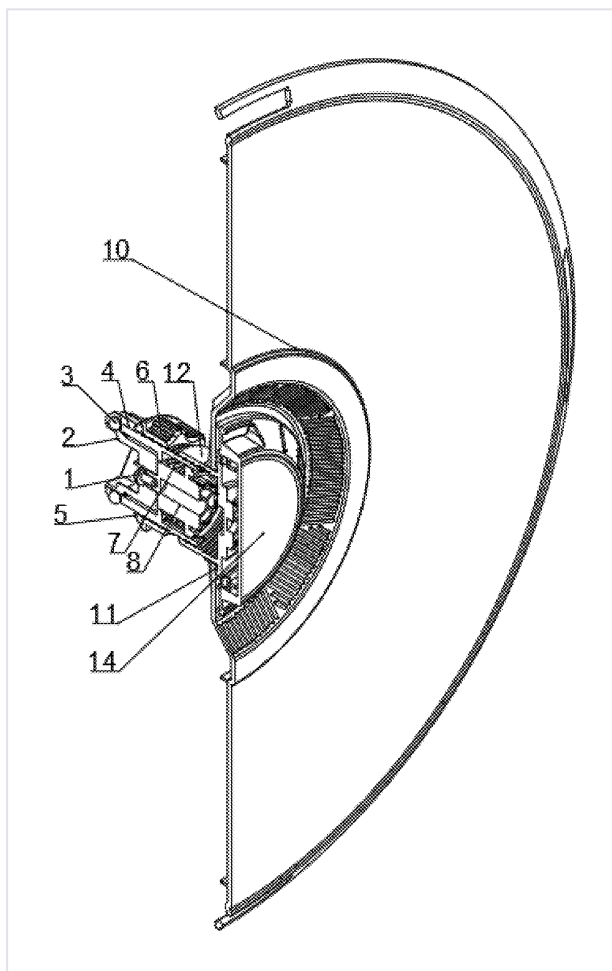


Figure 4. Cross-section of the whole assembly. A cross-section shows the object as if it had been cut in two, so that its inside can be seen: the mechanism, on the left, passes through the center of the hubcap (10), only half of which is drawn. Numerals shown: 1 to 8, 10, 11, 12 and 14 ^[15].

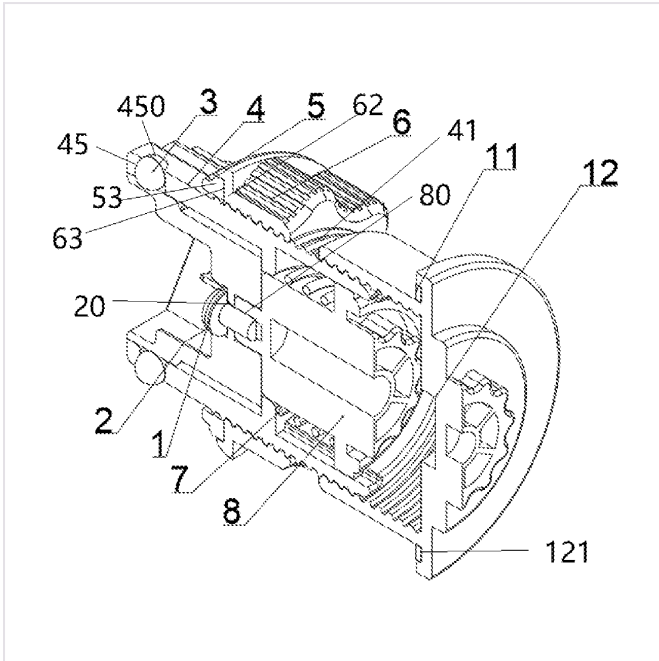


Figure 5. Cross-section of the mechanism. The screw (1) passes through the threaded through hole (20) of the outer supporting member (2) and screws into the threaded hole (80) of the pressing member (8). At the top left, a ball (3) sits in its hole (45), which has an arc-shaped opening (450). Also visible: the threads (41) of the lock body (4), the circular protrusion (53) of the gasket (5), which fits into the circular hole (63) in the bottom edge (62) of the locking member (6), and the annular groove (121) that holds the gasket (11) of the hubcap locking member (12). Other numeral: 7 ^[15].

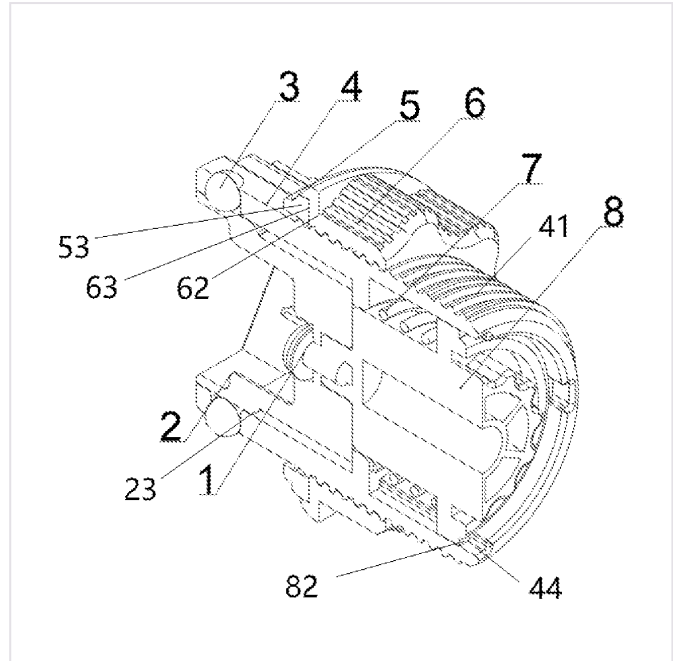


Figure 6. Another cross-section of the mechanism. It shows the annular-arc-shaped protrusion (23) of the outer supporting member (2), a rounded ring that pushes the balls (3) into their holes, and the chute (44) of the lock body (4), a slot into which a rectangular protrusion of the pressing member (8) fits, so that turning the pressing member also turns the lock body. Other numerals: 1, 5, 6, 7, 41, 53, 62 and 63; numeral 82 is not explained in the patent text ^[15].

A variant: clamping beads of another shape

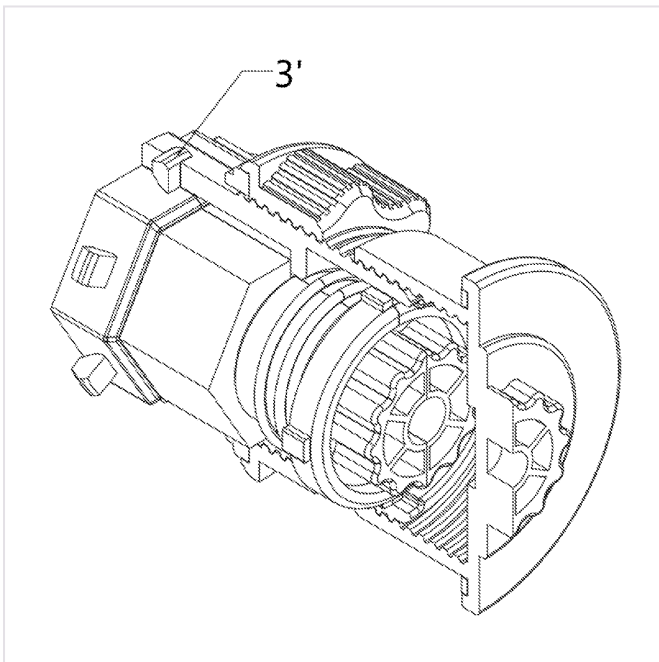


Figure 7. The mechanism in another embodiment, that is, a variant described in the same patent. Only the shape of the clamping beads changes: round in the main version, here they have an irregular shape (3'). Numeral shown: 3' ^[15].

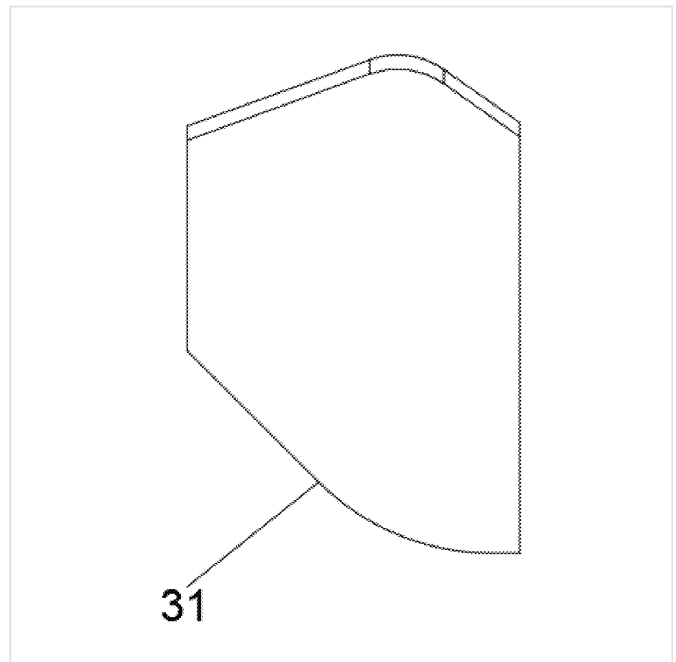


Figure 8. Same variant: enlarged view of a clamping bead (3') from figure 7. Its side surface (31), facing the outer supporting member (2), is an arc surface: when the outer supporting member squeezes it, this shape pushes the bead against the wall of the center hole of the wheel. Numeral shown: 31 ^[15].

What makes Halo BLK wheel covers different?

The differences below are those that can be verified or attributed to a source; the wheel covers of the other brands mentioned are detailed in the comparison further down.

- **Mounting.** **CLAIMED** The HALODISC 2 locks at the center of the wheel, without touching the lug nuts, and can only be removed with the supplied tool ^{[2][3]}. **ESTABLISHED** The original Tesla Model 3 wheel covers, by contrast, are held by clips and fitted aligned with the valve stem ^[56]. **ANALYSIS** Halo BLK is not alone in using a center lock: Tesery uses one on the Tesla Model 3 Highland (18" Photon wheel) and the Tesla Model Y Juniper, NJTECH across its whole range. Method: reading these sellers' product pages ^{[57][58]}.
- **Wheel coverage.** **CLAIMED** The disc covers the entire face of the wheel, valve stem included, so it must be removed to inflate the tire ^[2]; **ESTABLISHED** the original Tesla Model 3 cover, aligned with the valve stem, leaves it accessible ^[56].
- **Breadth of the range.** **ESTABLISHED** Six Tesla models in 18 to 21" depending on the model, and the Cybertruck in 20", with the same locking principle; for the Tesla Model 3, Tesery offers only 18" ^{[1][57]}.
- **Customization.** **ESTABLISHED** A plain disc to decorate (RTP) and a numbered series (Custom Numbers); EVBASE, for its part, offers UV printing on request ^{[1][59]}.
- **Spare parts.** **ESTABLISHED** Discs individually or in sets of 4, caps, inserts, the tool and the installation kit are sold separately ^{[1][32]}.
- **Materials.** **CLAIMED** ABS and polycarbonate for the disc ^[34], like the competitors compared, which claim ABS, alone or with polycarbonate ^{[57][60][58]}. **ANALYSIS** The material alone is therefore not a documented difference. Method: comparison of product pages.
- **Published information.** **ANALYSIS** Of the five solutions compared, only Halo BLK publishes a numerical maximum speed (110 mph, or 177 km/h) and explains that the disc must be removed to inflate the tires. Method: reading the pages of Tesla, Tesery, EVBASE and NJTECH ^{[19][56][61][60][58]}.
- **Aerodynamics.** **CLAIMED** Halo BLK puts a figure on the range gain (up to 10% on some pages), whereas Tesery promises a gain without a figure ^{[19][57]}; **UNCONFIRMED** no independent test measures the advantage of the HALODISC 2 over an original aero cover (see the next section).
- **Intellectual property.** **ESTABLISHED** A US patent, a Chinese utility model and two Chinese designs in the name of the trademark owner ^{[15][16][62][63]}; **ANALYSIS** no right having effect in France on the lock or the shape has been found (see the patents section) ^{[18][64][65]}.
- **Network and price.** **CLAIMED** 22 points of sale listed in 15 countries or territories ^[28]. **ANALYSIS** In direct sales, in dollars and before tax, Halo BLK sits above Tesery and NJTECH and close to EVBASE; prices from European dealers, such as SilentDrive in Germany, are shown in euros including taxes and cannot be compared as such with these dollar prices. Method: prices recorded on 21 October 2026 ^{[1][57][66][60][29]}.

Range: what Halo BLK claims and what tests show

A full wheel cover aims to reduce the aerodynamic drag of the wheel. The questions are how much it lowers energy consumption, compared with what (bare wheel or original wheel cover) and under what conditions. A claimed figure is not a measured result: the two are kept apart below.

What the brand and its partners claim

Range gains claimed by Halo BLK, its dealers and paid content

SOURCE (DATE)	WHAT IS CLAIMED	CONDITIONS AND BASELINE
Arrow product page (21 October 2026)	CLAIMED "Range Up to 10%", then further down "up to 5% range" ^[19]	no speed, no vehicle, no baseline
Custom Numbers product page	CLAIMED "Range Up to 10%"; yet its FAQ answers "No" to the question of an effect on range ^[34]	comparison with bare wheels in the FAQ
"Aerodynamic Optimization" page	CLAIMED up to 10% less drag ^[20]	in crosswinds at high speed, "results vary"; computational fluid dynamics (CFD) simulations with no published data
FAQs of the RTP, Tesla Model X and Tesla Model Y Juniper collections	CLAIMED 5 to 10% ^{[33][40][55]}	the RTP FAQ adds that no specific gain is guaranteed
Paid press release (15 October 2025)	CLAIMED up to 10% more range ^[4]	compared with original wheels, based on "Internal road simulations" and owner feedback
Brand blog (7 September 2026)	CLAIMED 1 to 3%, 2 to 4% on the highway, up to 10% less drag ^[67]	"specific testing conditions"; the post states that this does not mean 10% more range for everyone
Green Drive (21 October 2026)	CLAIMED up to +5%; 5 to 10% ^[10]	no conditions, no baseline
Electrek, sponsored article (10 October 2025)	CLAIMED up to 10%, "proven by thousands of drivers" ^[68]	no measurement by the editorial team
YouTube video by a paid creator (30 May 2026)	CLAIMED 9.75% ^[69]	conditions not verified

ANALYSIS A post on the brand's blog dated 29 September 2026 gives 2 to 4% on the highway and cites, without naming it, a test on a Tesla Model 3 with and without its aero covers: its figures (3.4% on average, about 2.5% at 70 mph or 113 km/h, about 4.5% at 90 mph or 145 km/h) are those of Car and Driver's 2019 test, which covered Tesla's original wheel covers, not a HALODISC; another post from the same day also reuses the range figures calculated by Car and Driver. Method: comparison of the values, speed by speed ^{[21][70][71]}.

Published tests

Published range tests, most recent first

PUBLICATION (DATE)	WHEEL COVER AND VEHICLE	COMPARED WITH	PUBLISHED RESULT	NATURE OF THE TEST
CleanTechnica (6 October 2026)	HALODISC 2, Tesla Cybertruck	bare wheels	CLAIMED 5 to 9% better efficiency on the highway; negligible gain at low speed ^[22]	set supplied by the brand, no published protocol

PUBLICATION (DATE)	WHEEL COVER AND VEHICLE	COMPARED WITH	PUBLISHED RESULT	NATURE OF THE TEST
Halo BLK blog (29 September 2026)	HALODISC 2, Tesla Model 3 on 18" Aero wheels	not specified	CLAIMED 260 then 248 Wh/mile between 65 and 70 mph (105 and 113 km/h), about 4.6% ^[72]	attributed to unnamed users
Halo BLK blog (12 March 2026)	HALODISC 2, Tesla Model 3 Long Range	"without wheel covers"	CLAIMED 260 then 243 Wh/mile over about 37 miles (60 km), or 6.5% (about 7% claimed) ^[73]	basic in-house test
BlogTesla forum (24 July 2025)	HALODISC, vehicle not specified	without disc	UNCONFIRMED about 20 then 17 kWh/100 km over about 90 km (56 miles) ^[74]	testimonial, no protocol
Car and Driver (19 December 2019)	original aero covers, Tesla Model 3 Long Range 18"	bare wheel	ESTABLISHED energy use down 3.1% at 50 mph (80 km/h), 2.5% at 70 mph (113 km/h) and 4.5% at 90 mph (145 km/h); 3.4% on average ^[71]	independent, protocol described
nextmove, reported by Electrek (8 July 2019)	original aero covers, 3 Tesla Model 3 cars	without covers, with a control car	ESTABLISHED about 3% better efficiency at 150 km/h (93 mph) ^[75]	third party, basic protocol

Wh/mile (watt-hours per mile; one mile is 1.609 km) measures energy consumption: 260 Wh/mile is about 16.2 kWh/100 km, 248 Wh/mile about 15.4 and 243 Wh/mile about 15.1.

ESTABLISHED Car and Driver drove on the 5-mile loop at the Chrysler Proving Grounds, at 44 °F (6.7 °C), with the tires at the door-placard pressure and a constant GPS-verified speed, each test being repeated; "without covers" there means the bare wheel fitted with Tesla's center caps ^[71].

ESTABLISHED CleanTechnica states that Halo BLK supplied the discs and that the author did not install them personally; the article is filed under its reviews, not as sponsored content ^[22]. **CLAIMED** The author writes that, starting from the Cybertruck's original wheel covers, the gain would probably be smaller ^[22]. **ANALYSIS** This test is not independent in the strict sense (product supplied, no published protocol) and cannot be transposed to a Tesla Model 3 or Tesla Model Y delivered with original aero covers. Method: reading the article ^[22].

ANALYSIS The two in-house tests give two different results (243 and 248 Wh/mile) from the same starting point (260 Wh/mile); they lack the driver's identity, the temperature, the wind, the number of runs, the exact meaning of "without wheel covers" and the raw data. No published document supports the 5% or the 10%. Method: comparison of the two posts ^{[73][72]}.

ESTABLISHED Electrek's 10 October 2025 article on the HALODISC 2 is labeled "Sponsored Post" and contains no measurement by its editorial team ^[68]. **ANALYSIS** Customer reviews published in 2026 on haloblk.com range from a 3 to 20% gain to no gain, or even higher consumption; none follows a protocol. Method: Judge.me and Trustpilot reviews read on 21 October 2026 ^{[76][77]}.

UNCONFIRMED As of 21 October 2026, no independent, controlled test of a HALODISC on a Tesla Model 3 or Tesla Model Y (product purchased, protocol published, comparison with original wheel covers) has been found ^{[22][68][73]}. The claimed 5 to 10% remain brand promises.

Limits and points to watch

In use

- **CLAIMED** Speed: product for road use only, not for track driving, racing or speeds above 110 mph (177 km/h); beyond that, or if poorly installed, the disc may be damaged or come off, and the brand disclaims liability ^{[19][9]}.
- **CLAIMED** Impacts: a hard impact, against a curb for example, can lift or detach the disc, which the brand presents as an “intentional safety feature”; protection of the wheel is limited to light scuffs ^{[2][23]}.
- **CLAIMED** Track: the brand’s general FAQ states that track use may void the warranty, while other FAQs simply advise removing the discs ^{[23][55]}.
- **CLAIMED** Inflation: the valve stem is covered; the disc must be removed at every pressure check ^[2].
- **CLAIMED** Washing: the general FAQ prohibits automatic car washes and advises against high pressure on the locked hub; the guide recommends hand washing ^{[23][9]}. **CLAIMED** The FAQ on the Custom Numbers product page says the opposite and refers to reinforced clips, whereas the HALODISC 2 is attached by a center lock ^[34].
- **CLAIMED** Rubbing: according to a brand notice from February 2025, quoted by DIY Wrap Club, edges that were too wide rubbed against the tire sidewall; the brand revised its sizes and has included a protective strip since 27 February 2025 ^[78].
- **ESTABLISHED** For reference, Tesla’s public service manual for the Tesla Model 3 gives only one safety instruction for its original wheel covers: secure them properly before driving; it sets no speed limit and no washing instruction ^[56].

Warranty and returns

CLAIMED According to the English-language return policy, updated on 8 October 2026: limited warranty of 6 months from delivery; returns within 7 days in the United States for an unopened, uninstalled product; Custom Numbers orders become final sale 24 hours after they are placed; all orders delivered outside the United States are “Final Sale”, with no return or exchange, even unopened. Claims for defective products are reviewed case by case, and the policy preserves the rights that applicable law makes mandatory ^[24].

CLAIMED The French-language refund policy does not say the same thing as the English version: cancellation possible within 12 hours, refund if the parcel does not arrive within 45 days; it mentions neither final sale nor a 6-month warranty ^[79]. **CLAIMED** The product page viewed from France displays “Free U.S. Shipping”, “7-Day Returns” and “Expédié directement depuis Los Angeles” (shipped directly from Los Angeles) ^{[2][80]}; **CLAIMED** according to the English policy, the 7-day return window applies only to the United States ^[24].

ESTABLISHED For reference, in France, a distance purchase from a professional seller normally gives a withdrawal right of at least 14 days, from which goods made to order or clearly personalized are excluded, and the legal guarantee of conformity for a new item lasts 2 years ^{[81][82]}. **CLAIMED** Halo BLK presents its 6 months as a limited warranty specific to the brand ^[24]. This report does not examine how these rules apply to an order placed with a seller established outside the European Union. **CLAIMED** The French dealer Green Drive advertises a 2-year warranty, the length of the legal guarantee of conformity, and 30-day returns ^[10].

What customers report

ESTABLISHED Complaints recur in reviews published on the brand’s site, on Trustpilot and on Reddit from October 2025 to October 2026: center caps that come off while driving (the most frequent), removal needed to inflate the tires, a protective strip that does not stay in place, refused returns, delays and customs holdups in spring 2026. These are customer claims, not findings ^{[77][83][76]}. **ANALYSIS** Orders of

magnitude: 4 of the 363 reviews posted on the site in 2026 mention inflation, and at least 10 reviews on the site, from August 2025 to October 2026, a refused return; the overall Trustpilot rating appears further down, under growth indicators. Method: keyword search on 21 October 2026 ^[76].

ANALYSIS Center caps: 12 to 14 of the 363 reviews posted directly on haloblk.com in 2026 (about 4%) describe a cap that fell off or was lost while driving, compared with 2 of 286 in 2025. About half of the 2026 mentions come from buyers of replacement caps: this figure is not a failure rate. Method: keyword search of the 1,832 Judge.me reviews on 21 October 2026, excluding reviews imported from another service; a keyword search underestimates, and the store can hide reviews ^[76].

CLAIMED On 2 September 2026, Halo BLK replied publicly on Trustpilot that cap retention had been improved in current production, which nothing verifies ^[77]. **CLAIMED** On 26 May 2026, the account that speaks for the brand on Reddit apologized for shipping delays and for customer service going silent ^[84].

Type approval

ESTABLISHED None of the pages read mentions type approval, certification or regulatory compliance: the brand's product pages, fitment guide and FAQs, and Green Drive's product page; this reading does not prove that no certification exists ^{[19][34][9][23][10]}. **UNCONFIRMED** No French or European text requiring a specific approval for wheel covers sold as accessories has been found. UN Regulation No. 26 on external projections, used for vehicle type approval, contains a provision on hub caps and wheel discs; it was read in an unofficial copy, and its scope for an aftermarket accessory is not established ^[85].

What the French dealer claims

CLAIMED Green Drive's HALODISC 2 product page advertises a "système breveté Center Lock" (patented Center Lock system), an "installation rapide et sans outil" (quick, tool-free installation), an "exclusivité GreenDrive en Europe" (GreenDrive exclusive in Europe), removal "en 5 secondes" (in 5 seconds), more reliable braking thanks to better cooling, and better stability in crosswinds ^[10]. **ESTABLISHED** To put these claims in context: the rights found on the lock are a US patent and a Chinese utility model, and no corresponding right has been found for France or the EU ^{[15][16][18][64][65]}; the product page lists the Centerlock tool in the kit contents ^[10]; other dealers listed by the brand sell the product in Europe ^{[28][29][30]}. **CLAIMED** Halo BLK, for its part, gives 15 seconds for removal ^[2]. **UNCONFIRMED** No published test on braking or stability has been found, and the scope of the claimed exclusivity is not public.

Halo BLK versus original wheel covers and other brands

This comparison is limited to the criteria each seller publishes, for a set of 4 intended for a Tesla Model 3, based on information recorded on 21 October 2026. **ANALYSIS** Dollar prices exclude VAT and import duties for a buyer in France: they cannot be compared as such with euro prices including VAT ^[86]. Warranty periods are those advertised by each seller, and sellers do not always say whether they mean a commercial warranty or the legal guarantee: they cannot be compared as such either ^[82].

Comparison of wheel covers for the Tesla Model 3, recorded on 21 October 2026

SOLUTION	MOUNTING	DIAMETERS FOR THE TESLA MODEL 3	PRICE OF A SET OF 4	ADVERTISED WARRANTY
Original Tesla Model 3 wheel cover (18")	ESTABLISHED clips, cover fitted aligned with the valve stem ^[56]	ESTABLISHED 18" ^[56]	UNCONFIRMED not verified: Tesla store unreadable on 21 October 2026	not found
Halo BLK HALODISC 2	CLAIMED center lock tightened with a dedicated tool ^[2]	ESTABLISHED 18, 19 and 20" ^[1]	ESTABLISHED \$219 to \$358 direct, excluding Custom Numbers ^[1] ; €294.90 to €344.90 including VAT at Green Drive ^[10]	CLAIMED 6 months direct ^[24] ; 2 years at Green Drive ^[10]
Tesery Aero DISC	CLAIMED clips on the 18" Aero; center lock on the 18" Photon ^[57]	ESTABLISHED 18" only ^[57]	ESTABLISHED \$210 to \$260; €193.95 to €239.95 shown for France ^{[57][87]}	CLAIMED exchange within 30 days for defects; no warranty advertised after installation ^[88]
EVBASE	CLAIMED hooks on the back of the disc (2023 product page) ^[60]	ESTABLISHED only the Tesla Model Y 20" version remains on sale; CLAIMED the product page text mentions the Tesla Model 3 in 18" ^[60]	ESTABLISHED \$279 to \$299 (Tesla Model Y) ^{[60][59]}	CLAIMED 1 year ^[89]
NJTECH AeroDisc (China)	CLAIMED three-piece center lock fitted in the center bore ^[58]	ESTABLISHED 18 and 19", 18" Prismata included ^[66]	ESTABLISHED \$199 to \$209 ^[66]	CLAIMED 2 to 3 years depending on the series ^[58]

Halo BLK prices and purchase terms

ESTABLISHED On haloblk.com, the country selector offers 29 destinations, all priced in US dollars except South Korea; for a visitor in France, the product page and the cart remain in dollars and no product page states "taxes included" ^{[2][90]}. All prices below were recorded on 21 October 2026; "\$" means US dollars and "C\$" Canadian dollars.

Price of a set of 4 Halo BLK wheel covers by seller, recorded on 21 October 2026

SELLER (COUNTRY)	PRODUCT	PRICE SHOWN	INDICATIVE CONVERSION
haloblk.com (direct sales)	RTP Black 18-19"; 20-21"	ESTABLISHED \$219; \$239 ^[1]	ANALYSIS €195.27; €213.11 ^[91]
haloblk.com	RTP White 18-19"; 20-21"	ESTABLISHED \$229; \$249 ^[1]	ANALYSIS €204.19; €222.02 ^[91]
haloblk.com	Cyber Track 18-19"; 20-21"	ESTABLISHED \$269; \$289 ^[1]	ANALYSIS €239.86; €257.69 ^[91]
haloblk.com	Arrow and other graphic designs 18-19"; 20-21"	ESTABLISHED \$336; \$358 ^[1]	ANALYSIS €299.60; €319.22 ^[91]
haloblk.com	Custom Numbers 18-19"; 20-21"	ESTABLISHED \$409; \$429 ^[1]	ANALYSIS €364.69; €382.52 ^[91]
haloblk.com	Cybertruck 20": RTP Black; Custom Numbers Black	ESTABLISHED \$328; \$438 ^[1]	ANALYSIS €292.47; €390.55 ^[91]
haloblk.ca (Canada)	RTP Black 18-19"; 20-21"	ESTABLISHED C\$309.99; C\$335.99, before tax ^{[92][93]}	ANALYSIS €196.72; €213.22 ^[91]
haloblk.com in Korean	RTP Black 18-19"; 20-21"	ESTABLISHED ₩295,000; ₩322,000 ^[94]	ANALYSIS €198.10; €216.23 ^[91]
Green Drive (France)	without design 18-19"; 20-21"	ESTABLISHED €294.90; €314.90 including VAT ^{[10][95]}	not applicable
Green Drive (France)	with design 18-19"; 20-21"	ESTABLISHED €324.90; €344.90 including VAT ^{[10][96]}	not applicable
SilentDrive (Germany)	"Set" (number of discs not specified), from RTP 18" to Custom Number	ESTABLISHED €357 to €549 ^[97] ; CLAIMED VAT and shipping within Germany included according to its terms ^[98]	not applicable
Robot Bodykits (United Kingdom)	HALODISC 2 sets, all designs (10 product pages), including RTP	ESTABLISHED £250 to £375, including RTP at £280, excluding UK VAT ^{[30][99]}	ANALYSIS RTP: €333.22 ^[91]
ModBargains (United States)	Arrow 18-19"; 20"	ESTABLISHED \$336; \$358 ^[100]	ANALYSIS €299.60; €319.22 ^[91]

ANALYSIS Indicative conversions: price divided by the European Central Bank reference rate of 20 October 2026 (€1 = 1.1215 USD = 1.5758 CAD = 1,489.17 KRW = 0.84028 GBP), without taxes or fees; the rates applied by the stores differ slightly ^[91].

CLAIMED Several product pages show a crossed-out price (for example \$229 and \$249 for RTP Black, and €319.90 to €369.90 at Green Drive): this is a reference set by each seller, which this report does not treat as a former price ^{[1][10]}. **ESTABLISHED** A few public prices have changed: the RTP for the Tesla Model 3 19" was \$239 on 14 July 2025 (\$219 on 21 October 2026), and the Cyber Track for the Tesla Model 3 18" \$309 on 11 August 2025 (\$269 on 21 October 2026) ^{[101][102][1]}.

Spare parts

Halo BLK spare part prices on haloblk.com, recorded on 21 October 2026 in US dollars

PART	UNIT PRICE	PACK PRICE
RTP disc, black or white	ESTABLISHED \$46 (18-19"); \$60 (20-21") ^[1]	\$180; \$230 for 4
Graphic disc (Charging, H-Industry, Silver Track, Cyber Track, Vision-GT, X-Factor, Turbo, Lucky Day)	ESTABLISHED \$61; \$75 ^[1]	\$235; \$290 for 4
Rainbow Road disc	ESTABLISHED \$64; \$78 ^[1]	\$245; \$300 for 4
Supercharger disc	ESTABLISHED \$56; \$69 ^[1]	\$224; \$269 for 4
Arrow disc (left or right side)	ESTABLISHED \$61; \$75 ^[103]	individually only
Custom Number disc (front or rear, 5 colors)	ESTABLISHED \$80; \$94 ^[104]	individually only
HALODISC cap, black or white; metallic	ESTABLISHED \$13; \$25 ^[105]	\$50; \$100 for 4
Centerlock hub insert (left or right)	ESTABLISHED \$13.50 ^[32]	no pack
H1 or H2 lock cap (left or right)	ESTABLISHED \$12.50 ^[32]	\$25 for 2
Centerlock tool; installation kit	ESTABLISHED \$13; \$15 ^{[46][32]}	no pack

CLAIMED A replacement disc is sold alone, without cap, hardware or tool, and fits on the set's original lock hub and retaining ring ^[106]. **ANALYSIS** Arrow discs are sold by side and Custom Number discs by position: they are not interchangeable from one wheel to another. Method: reading the catalog options ^[1].

Shipping, returns and taxes for a buyer in France

Terms advertised for delivery to France, recorded on 21 October 2026

SELLER	SHIPPING AND LEAD TIME	RETURNS AND WARRANTY	DUTIES AND VAT
haloblk.com (English page)	CLAIMED 1 to 2 days of processing, then 7 to 15 business days to Europe; shipping costs shown at checkout ^[107]	CLAIMED final sale outside the United States; 6-month warranty ^[24]	CLAIMED "duty-free" delivery advertised to Europe; VAT is not mentioned ^[107]
haloblk.com (French page)	CLAIMED parcels sent "de notre entrepôt en Chine" (from our warehouse in China) by DHL or USPS, in 10 to 30 days ^[108]	CLAIMED French-language policy, different from the English version, with a 45-day delivery period it calls "garanti" (guaranteed) ^[79]	CLAIMED customs fees payable by the buyer ^[108]
Green Drive (France)	CLAIMED "sous 15 jours ouvrés" (within 15 business days) on the product pages; Colissimo from Grenoble, 2 to 3 days within France according to the general page ^{[10][109]}	CLAIMED free returns within 30 days; 2-year warranty ^[10]	ESTABLISHED prices include 20% French VAT ^[10]

ESTABLISHED SilentDrive ships only within Germany ^[110]. **CLAIMED** Robot Bodykits calculates taxes and shipping at checkout and announces a production time of about 15 days ^[99].

What importing into France would cost

ESTABLISHED For an online purchase from outside the European Union, import VAT is due from the first euro, at 20%, on a base that includes the value of the goods, transport, insurance and duties ^{[86][111]}. **ESTABLISHED** Consignments of €150 or less used to be exempt from customs duties; since 1 July 2026, they bear a flat duty of €3 per category of items, and above €150 the tariff duty applies ^{[86][112]}. **ESTABLISHED** The EU customs duty on subheading 8708 70 99 (parts and accessories of road wheels) is 4.5% for goods of Chinese origin ^[113].

ANALYSIS Classifying a plastic wheel cover under this subheading is likely but not confirmed: the US nomenclature places "wheel covers and hubcaps" in the same subheading, but the EU has already classified another plastic accessory, a steering wheel cover, among articles of plastics, at 6.5%; only a binding tariff information ruling would be authoritative. Method: reading the nomenclatures ^{[114][115][116]}.

ANALYSIS Estimate for an individual in France ordering from haloblk.com, if the brand covers neither duties nor VAT: RTP Black 18-19", €195.27 + €8.79 in duties + €40.81 in VAT, or about €244.87; Arrow 18-19", about €375.70; Arrow 20", about €400.30. Shipping, VAT on shipping and carrier fees come on top. Assumptions: ECB rate of 20 October 2026, subheading 8708 70 99, Chinese origin. If "duty-free" means that the brand pays duties and VAT, the buyer pays nothing more: not verified. Delivered prices in France at Green Drive, for reference: €294.90 (plain, 18-19"), €324.90 and €344.90 (with design, 18-19" and 20-21") ^{[91][86][113][10][96]}.

ESTABLISHED A part ordered on its own stays under €150 and therefore bears this flat duty of €3 per category of items, on top of VAT ^[112]. **UNCONFIRMED** On the BlogTesla forum, a French buyer says they paid about €81 in duties and taxes in 2025 and about €30 in carrier fees, for a delivery about a month after ordering; a single testimonial, predating the announcement of "duty-free" shipments to Europe ^[74].

Official links

- [Official haloblk.com store](#)
- [The brand's HALODISC 2 fitment guide](#)
- [Official product page for the HALODISC 2 RTP Black set](#)
- [Official product page for the HALODISC 2 Custom Numbers Black set](#)
- [The brand's return and warranty policy](#)

Who is behind Halo BLK: the company and related businesses

What Halo BLK is

CLAIMED Halo BLK presents itself as a brand from Irvine, California, founded in 2021 by “Scott Z.”, a graduate of the College for Creative Studies ^{[5][4]}. **CLAIMED** A brand blog post dated 16 September 2025 names him “Scott Zhang”, who studied automotive design in Detroit and then worked on the electric vehicle program of DJI, the Chinese drone maker ^[117]. **UNCONFIRMED** None of these sources gives his full legal name or his role in a registered company. **ESTABLISHED** CleanTechnica’s test publishes a photo taken by its author, captioned “HALOBLK showcase at their headquarters in Irvine, California” ^[22].

ESTABLISHED Its catalog covers wheel covers first, but also other Tesla accessories: spoilers, mirror caps, consoles, pedals, sunshades ^[1]. **CLAIMED** The recruitment page of its Shenzhen company describes it under the brand “黑洛HALO”, with 1 to 49 employees, in the new energy vehicle and auto parts sector ^[118].

ESTABLISHED The brand is written in several ways: “HALOBLK” in the EU register and on its website, “HaloBLK” at its French dealer, and 黑洛 (Heiluo) in Chinese, a name carried notably by a Chinese design registration for the wheel cover and by a video published on the brand’s website ^{[6][26][62][119]}. **ANALYSIS** It was first called, at least internally, Halo Effect: the online store still carries the technical name “haloeffect-store”, the 2022 seller was called “HaloEffect store” and Shenzhen Microgravity filed the US trademark HALOEFFECT in 2021. Method: cross-checking these elements ^{[90][37][120]}.

Brand, owner, operator, manufacturer: who does what

Roles around the Halo BLK brand and level of evidence

ROLE	WHO	LEVEL OF EVIDENCE
Brand name	Halo BLK, HaloBLK, HALOBLK; 黑洛 in Chinese	ESTABLISHED registers and brand website ^{[6][62]}
Trademark owner in the EU, Canada and Australia	Shenzhen Microgravity Technology Co., Ltd. (China)	ESTABLISHED official registers ^{[6][121][122]}
Trademark owners in the United States	HALOBLK: an individual with an address in Shenzhen; HALODISC: another individual with an address in Shenzhen; not the company	ESTABLISHED US trademark office data ^{[123][124]}
Operator of haloblk.com	probably Haloblk Innovation Inc (California)	ANALYSIS no legal page names the legal entity ^{[125][4]}
Official seller of orders (“Merchant of Record”)	FastSea Trade SARL (France), according to the English terms of sale	CLAIMED terms of sale ^[126] , ESTABLISHED company ceased trading on 8 July 2024 ^[127]
Design	inventors and designers from a Shenzhen company	ESTABLISHED patents and designs ^{[15][16][128]}
Manufacturer (factory)	not identified	UNCONFIRMED no document ^{[13][14]}
Shipper to the United States	Shenzhen Microgravity; a Halo BLK entity in Hong Kong	ESTABLISHED ocean bills of lading, the transport documents for the containers ^{[11][12]}
Importer in the United States (2025)	Haloblk Innovation Inc	ESTABLISHED ocean bills of lading ^[8]
Distributors	Green Drive (France), SilentDrive (Germany), Robot Bodykits (United Kingdom) and others	ESTABLISHED dealer product pages ^{[26][29][30]} ; CLAIMED brand’s list ^[28]

The companies identified

Companies cited around Halo BLK: name, country, role and sources

COMPANY (ENGLISH NAME; CHINESE NAME)	COUNTRY	DOCUMENTED ROLE	SOURCES AND STATUS
Shenzhen Microgravity Technology Co., Ltd.; 深圳市微重力科技有限公司	China (Shenzhen, Guangdong)	owner of the HALOBLK trademark in the EU, Canada and Australia, of the US patent and of the Chinese rights on the lock and the disc; Amazon seller "HALOBLK Direct"; ocean shipper to the United States	ESTABLISHED ^{[6][121][122][15][16][62][63][5][11]}
Haloblk Innovation Inc	United States (Irvine, California)	active California corporation; importer in 2025; issuer of the 2025 press release; probable operator of the website	ESTABLISHED company and imports ^{[7][8]} ; CLAIMED press release ^[4] ; ANALYSIS operator
Haloblk Innovations Technology Co., Limited	Hong Kong	owner of the HaloStation trademark and of three US design patents for accessories; shipper of one container in 2025	ESTABLISHED ^{[129][130][131][132][12]}
Changsha Heiluo Technology Co., Ltd.; 长沙黑洛科技有限公司	China (Changsha, Hunan)	company behind the “黑洛科技” project, recipient of the funding rounds, presented by the press as the HaloDisc company	ESTABLISHED registry copy ^[133] ; CLAIMED press (HaloDisc: ^[13] ; 2024 round: ^[14]); ANALYSIS link with Microgravity
Tiantu Capital (天图资本)	China	seed investor in “黑洛科技” in February 2022; 22.22% shareholder of Changsha Heiluo through a Changsha fund	ESTABLISHED shareholding ^[133] ; CLAIMED funding round ^[13]
上海蔓藤工业产品设计有限公司 (industrial design firm)	China (Shanghai)	investor in the March 2024 strategic round	CLAIMED press ^[14]
FastSea Trade SARL	France (Clichy)	“Merchant of Record” according to the English terms of sale; intermediary shared with other stores	ESTABLISHED register ^[127] ; CLAIMED role ^[126]
MJ2S (Green Drive website)	France (Claix, Isère)	dealer; claims exclusivity in Europe	ESTABLISHED identity ^{[27][134]} ; CLAIMED exclusivity ^[26]
SilentDrive GmbH	Germany (Leipzig)	dealer	ESTABLISHED ^{[135][29]}
Robot Bodykits	United Kingdom	dealer	ESTABLISHED ^[30]
Taelin Global Inc, Royal Crest Core Inc, Treeheart Media Inc	United States	consignees of Shenzhen Microgravity containers in 2026; no link with Halo BLK established	ESTABLISHED shipments ^[11] ; UNCONFIRMED link with Halo BLK ^{[136][137][138]}
HALODISC factory	unknown	manufacturer	UNCONFIRMED no document

ESTABLISHED In the EU register, Shenzhen Microgravity’s address is the Dachong Business Center, in Nanshan District, Shenzhen; the HALOBLK trademark was filed there on 6 September 2022 and registered on 21 December 2022, in classes 9 and 12, the class 12 list starting with wheel covers ^[6]. **ESTABLISHED** On Amazon.com, the seller “HALOBLK Direct” lists Shenzhen Microgravity as its business name, with an address in Bantian (Longgang District, Shenzhen), the same as this shipper’s address in the ImportGenius database (the address on the 2025 bills of lading is not visible for free); these elements establish the seller’s commercial identity, not the activity carried out at that address ^{[5][11]}. **UNCONFIRMED** Its legal representative, its capital and its date of incorporation could not be read in an official Chinese register.

ESTABLISHED Haloblk Innovation Inc is an active California stock corporation, No. 6311582, whose registered address is 18 Technology Dr #121, Irvine; its officers are hidden in the aggregator consulted, and the California register itself was not read ^[7]. **UNCONFIRMED** Its date of incorporation (17 July 2024) is given only by another aggregator, read in a search snippet. **CLAIMED** The paid press release of 15 October 2025, issued in its name, presents it as based in Irvine, with "Its flagship HALODISC lineup": this is the only document in which the company presents itself as the company behind the range ^[4]. **CLAIMED** The brand publishes the 18 Technology Dr address for its store, open on weekdays ^[139]. **ESTABLISHED** 3349 Michelson Drive, the company's importer address in 2025, is a shared office building ^{[140][8]}.

ANALYSIS No legal page on the website names the legal entity that operates it; Haloblk Innovation Inc is its probable operator, without proof: a store declared in Irvine, a data controller listed at its two addresses, and a press release that makes the range its flagship product. Method: cross-checking the legal pages, the store metadata and the register ^{[125][90][4][7][8]}.

ESTABLISHED Haloblk Innovations Technology Co., Limited, in Hong Kong, holds the HaloStation trademark in the EU (registered on 10 November 2023), as well as three US design patents for accessories (spoiler, pedals, trunk storage); it shipped the container that arrived in California on 27 August 2025, under an address different from the one in the EU register ^{[129][130][131][132][12]}. **UNCONFIRMED** Its entry in the Hong Kong companies register (directors, shareholders) was not consulted.

ESTABLISHED According to the copy of company data published by 36Kr (official Chinese register not consulted), 长沙黑洛科技有限公司 (Changsha Heiluo Technology) is behind the "黑洛科技" (Heiluo Technology) project: incorporated on 22 November 2021 in Changsha (Hunan), it has five shareholders, individuals and companies, including the Tiantu fund (22.22%) ^[133]. **CLAIMED** In 2022, a Chinese press article relaying the company attributed the design of the HaloDisc to "黑洛科技" ("独立研发设计", independent research, development and design) ^[13]. **ESTABLISHED** the 2024 36Kr article mentions neither the HaloDisc nor HALOBLK ^[14]. **ANALYSIS** Changsha Heiluo and Shenzhen Microgravity probably belong to the same group, without registry proof: the same Chinese name 黑洛, the HaloDisc attributed to "黑洛科技", an accessory docking station cited by the press in 2024 that matches a European patent application by Microgravity, and the Tiantu fund cited on both sides. No cross-shareholding has been found. Method: cross-checking the sources cited ^{[133][14][13][118][141]}.

CLAIMED The English terms of sale of haloblk.com name FastSea Trade SARL, in Clichy, as "Merchant of Record" for all orders, that is, the official seller that collects payment and invoices; the governing law is that of China and France ^[126]. **ESTABLISHED** According to the French SIRENE register, this distance-selling SARL (a French limited liability company), created on 22 March 2023, ceased trading on 8 July 2024 ^[127]. **CLAIMED** The French terms do not name it and refer to Hong Kong law ^[142]. **ANALYSIS** FastSea is a shared intermediary rather than a Halo BLK company: other, unrelated stores name it in the same terms, and at least 14 companies are registered at the same address. Nothing proves that it still processes Halo BLK's payments. Method: reading other stores' terms and the SIRENE register ^{[143][144][145]}.

The people named

CLAIMED The founder presented by the brand is "Scott Z.", named "Scott Zhang" in a post on its blog ^{[5][117]}.

ESTABLISHED The inventor named in the US patent on the lock is Shuai Zhang, written 张帅 in the Chinese utility model whose priority the patent claims ^{[17][16]}. **UNCONFIRMED** No document consulted links these names to the same person or to a role in the companies cited; the other individuals who appear in the registers and the press are not named here.

Halo BLK timeline

Dates are those of the registers, Internet archives and publications cited; each line carries its status.

Timeline of Halo BLK and its companies, 2021 to 2026

DATE	EVENT
2021	CLAIMED Brand founded and first HaloDisc launched, according to Halo BLK (2022 according to another brand page) ^{[146][5][34]}
18 July 2021	ESTABLISHED Shenzhen Microgravity files the HALODISC trademark in the United States (application abandoned on 20 February 2023) ^[147]
26 August 2021	ESTABLISHED Shenzhen Microgravity files the HALOEFFECT trademark in the United States ^[120]
22 November 2021	ESTABLISHED Changsha Heiluo Technology incorporated (registry copy) ^[133]
February 2022	CLAIMED Seed round for “黑洛科技” with Tiantu; HaloDisc said to be already on the market ^[13]
11 June 2022	ESTABLISHED haloblk.com domain created ^[148]
22 June 2022	ESTABLISHED HALOBLK trademark application in the United States in class 12 (wheel covers included), filed by an individual ^[123]
25 July 2022	ESTABLISHED The HaloDisc is archived at \$249 for a set of 2 ^[37]
6 September 2022	ESTABLISHED HALOBLK trademark filed in the EU and Canada by Shenzhen Microgravity ^{[6][121]}
21 December 2022	ESTABLISHED EU trademark HALOBLK registered ^[6]
24 July 2023	ESTABLISHED HaloStation trademark filed in the EU by the Hong Kong entity ^[129]
November 2023	ESTABLISHED Terms of sale archived under Hong Kong law, without a “Merchant of Record”; French and German versions of the website ^{[149][150]}
29 March 2024	CLAIMED Strategic round for “黑洛科技”; 2023 revenue of “数千万元” (several tens of millions of yuan) announced ^{[14][25]}
8 July 2024	ESTABLISHED FastSea Trade SARL ceases trading ^[127]
7 August 2024	ESTABLISHED Chinese filings of the lock utility model and the wheel cover design ^{[16][62]}
9 November 2024	ESTABLISHED First archived HaloDisc 2 product page, without a price, with a “center locking system” ^[151]
10 December 2024	ESTABLISHED US patent application on the lock filed ^[17]
8 January 2025	ESTABLISHED RTP for Tesla Model 3 18” Aero on preorder at \$219 ^[51]
27 February 2025	CLAIMED Wheel protective strip added to the kit after a rubbing defect acknowledged by the brand ^[78]
5 March 2025	ESTABLISHED First HALODISC 2 product page at Robot Bodykits (United Kingdom) ^[30]
2 May 2025	ESTABLISHED End of the US small-parcel exemption for China and Hong Kong ^[152]
16 May 2025	ESTABLISHED Chinese utility model CN222875657U and design CN309295172S granted ^{[16][62]}
5 June 2025	ESTABLISHED SilentDrive (Leipzig) lists the HALODISC 2 ^[29]
10 June 2025	ESTABLISHED First container arrives in the United States (300 cartons) ^[8] ; CLAIMED Los Angeles warehouse announced for the next day ^[153]
12 July 2025	ESTABLISHED Green Drive’s HALODISC 2 Tesla Model 3 product page archived (at the latest) ^[154]
5 August 2025	ESTABLISHED Custom Numbers Black product page created ^[1]

DATE	EVENT
27 August 2025	ESTABLISHED Third container, shipped by the Hong Kong entity (895 cartons) ^[12]
16 September 2025	ESTABLISHED Patent US 12,415,379 B1 granted ^[17]
10 October 2025	ESTABLISHED Electrek sponsored article on the HALODISC 2 ^[68]
15 October 2025	CLAIMED Paid press release on the Custom Numbers series, issued by Haloblk Innovation Inc ^[4]
22 to 28 April 2026	ESTABLISHED Current replacement disc product pages created (22 to 24 April), then old product pages merged (28 April) ^[1]
26 May 2026	CLAIMED Public apology from the brand; RTP stock in California, Custom Numbers produced in China ^[84]
15 July 2026	CLAIMED Last announced review of the fitment guide ^[9]
21 August 2026	ESTABLISHED First product pages of the Canadian store haloblk.ca ^[92]
28 August to 6 October 2026	ESTABLISHED Three Shenzhen Microgravity containers to other US importers ^[11]
6 October 2026	ESTABLISHED CleanTechnica test on a supplied set; first capture of the Korean version of the website ^{[22][155]}
8 October 2026	CLAIMED Return policy updated: international orders are final sale ^[24]
12 October 2026	ESTABLISHED Cybertruck variants created ^[1]
15 October 2026	CLAIMED Announced launch date of the Cybertruck version ^{[156][36]}
21 October 2026	ESTABLISHED Judge.me counter at 1,021 verified reviews; Trustpilot at 4.1 out of 5 from 96 reviews ^{[119][157]}

Halo BLK manufacturing: design, factories and links with China

A brand can have its headquarters in one country, design in another, have its products made elsewhere and ship them from a third-party warehouse. The manufacturing of Halo BLK wheel covers is examined here function by function, with what is known and what remains undetermined.

Design

ESTABLISHED The inventor named in the US patent is domiciled in Guangdong, the Chinese rights on the lock and the disc were filed by a Shenzhen company, and the group's EU design names designers from the same company ^{[15][16][128]}. **CLAIMED** That company's recruitment page presents a team in Shenzhen: a founder who is a former car designer, and co-founders from DJI, Baidu and other groups ^[118]. **CLAIMED** In 2022, the Chinese press wrote that “黑洛科技” (Heiluo Technology) had designed the HaloDisc independently (“独立研发设计”, independent research, development and design) ^[13]; **ANALYSIS** that this business and the Shenzhen company form a single group is likely, without registry proof (see the section on the company) ^[133].

Manufacturing and assembly

UNCONFIRMED No document consulted names the manufacturer of the HALODISC: not the intellectual property filings, not the bills of lading, not the Amazon listing (no country of origin), not the press, not the brand's website, and not the dealer Green Drive, which only gives the brand as manufacturer ^{[11][52][10]}.

CLAIMED The Chinese press says only that “黑洛科技” relies on the Chinese supply chain (“依托国内供应链优势” in 2022, “背靠中国强大的供应链” in 2024) ^{[13][14]}. **UNCONFIRMED** It is therefore not known whether Halo BLK owns a factory or has its discs made by a subcontractor, either to its own designs (OEM) or on a product designed by the manufacturer (ODM), nor who makes the molds and carries out quality control.

UNCONFIRMED The Bantian address in Shenzhen (Amazon, shipper profile at ImportGenius) is a ground-floor unit in a business park; nothing says whether it is an office, a workshop or a warehouse ^{[11][5]}.

Warehouses and shipping countries

ESTABLISHED The three containers received in 2025 by Haloblk Innovation Inc were loaded at Yantian, the port of Shenzhen; for the 27 August 2025 shipment, the bill of lading detail states “Country of Origin HONG KONG S.A.R.”, while the summary states China ^{[8][12]}.

CLAIMED On 20 May 2025, the account signing as “HALOBLK Team” on Reddit announced that a warehouse in Los Angeles would open on 11 June 2025 ^[153]. **ANALYSIS** The first container arrived the day before, on 10 June 2025; this coincidence does not prove that this container stocked that warehouse ^{[8][153]}. **CLAIMED** On 26 May 2026, the same account wrote that plain RTP discs are stored in a warehouse in City of Industry (California), that Custom Numbers “must be produced and shipped from China” for lack of manufacturing capacity in the United States, and that the brand would install its own machines in Los Angeles by the fourth quarter of 2026; it apologized for inaccurate information on the website about shipping locations ^[84]. This account has no official badge but publishes the brand's announcements; since Reddit blocks direct reading, the message was read in an archive ^[158].

ANALYSIS This statement contradicts the Custom Numbers product page, which advertises a product “customized and shipped from the USA”. The phrase “Expédié directement depuis Los Angeles” (shipped directly from Los Angeles) describes a shipping location, not US manufacturing. Method: comparison of the texts ^{[34][84][2]}.

CLAIMED The French-language shipping page of haloblk.com refers to parcels sent “de notre entrepôt en Chine” (from our warehouse in China) by DHL or USPS ^[108]. **ANALYSIS** Orders placed from France on haloblk.com very probably ship from China: a French page, “duty-free” delivery to Europe, no European warehouse found. This is not proof. Method: reading the shipping pages ^{[108][107]}. **CLAIMED** Green Drive ships from a warehouse in Grenoble; its sourcing is not published ^[109].

Where things happen: headquarters, design, factory, warehouses and shipping countries

FUNCTION	WHAT IS KNOWN	WHAT REMAINS UNDETERMINED
Headquarters presented to the public	CLAIMED Irvine, California; store at 18 Technology Dr ^{[4][139]}	exact role of the US company
US company	ESTABLISHED Haloblk Innovation Inc, in Irvine; shared offices at 3349 Michelson Drive in 2025 ^{[7][8][140]}	officers, date of incorporation
Owner of the trademark and patents	ESTABLISHED Shenzhen Microgravity: Nanshan (EU register); Bantian, Longgang (Amazon, shipper profile at ImportGenius) ^{[6][5][11]}	official scope of the company (production or sales)
Hong Kong entity	ESTABLISHED two addresses: Connaught Road Central (2023), Tsim Sha Tsui East (2025) ^{[129][12]}	directors, shareholders
Design	ESTABLISHED Shenzhen (Guangdong), according to the patents ^{[17][16]} ; CLAIMED team in Shenzhen ^[118]	nothing more
Factory (molding, assembly)	CLAIMED “Chinese supply chain” according to the press ^{[13][14]}	UNCONFIRMED name, location, own or subcontracted factory
Warehouses	CLAIMED Los Angeles announced for June 2025; City of Industry for RTP in May 2026 ^{[153][84]}	UNCONFIRMED address, operator
Custom Numbers customization	CLAIMED “produced and shipped from China” according to the brand in May 2026; “shipped from the USA” according to the product page ^{[84][34]}	UNCONFIRMED actual location
Shipping to the United States	ESTABLISHED containers loaded at Yantian (Shenzhen); one shipment by the Hong Kong entity ^{[8][12]}	air freight and parcels
Shipping to Europe	CLAIMED from China according to the French page ^[108] ; ANALYSIS no European warehouse found	UNCONFIRMED actual shipping country for French orders

Chinese companies linked to the brand

- **ESTABLISHED** Shenzhen Microgravity Technology Co., Ltd. (深圳市微重力科技有限公司), in Shenzhen: owner of the HALOBLK trademark in the EU, of the US patent and of the Chinese rights on the lock and the disc, and shipper of containers to the United States ^{[6][15][16][62][63][11]}.
- **ESTABLISHED** Haloblk Innovations Technology Co., Limited, in Hong Kong: owner of the HaloStation trademark and of US design patents for accessories, and shipper of the container that arrived in California on 27 August 2025 ^{[129][130][131][132][12]}.
- **ESTABLISHED** Changsha Heiluo Technology Co., Ltd. (长沙黑洛科技有限公司), in Changsha (Hunan): the company behind the “黑洛科技” project according to the registry copy published by 36Kr ^[133]; **CLAIMED** a 2022 article attributes the design of the HaloDisc to “黑洛科技” ^[13]; **ANALYSIS** a link with Shenzhen Microgravity is likely, without registry proof ^[133].
- **CLAIMED** Investors cited by the press: Tiantu Capital (天图资本) in February 2022, then 上海蔓藤工业设计有限公司, an industrial design firm in Shanghai, in March 2024 ^{[13][14]}; **UNCONFIRMED** no role of this firm in design or manufacturing is documented.

- **UNCONFIRMED** No manufacturer, subcontractor (OEM or ODM) or mold supplier is named by a public document ^{[11][13][14]}.

Imports, distribution and sales

Direct sales

ESTABLISHED The haloblk.com store is configured to ship to 29 countries: the United States, Canada, the United Kingdom, South Korea and 25 EU member states, France included; it exists in English, French and Korean, and lists 75 products ^{[90][28]}. "Ship to" here describes the store's configuration, not observed deliveries.

Regional stores under the brand name

- **ESTABLISHED** haloblk.ca ("Haloblk Canada") sells in Canadian dollars; its listed address is in Hong Kong and its 78 product pages were created between 21 August 2026 and 9 October 2026 ^{[159][92]}; **CLAIMED** its policy announces shipments to Canada only, from two Canadian warehouses ^[93].
- **CLAIMED** haloblk.hk (Hong Kong), haloblk.au (Australia) and haloblkturkiye.com ("HALOBLK Türkiye Resmi Distribütörü", official distributor, Istanbul) also carry the brand name; haloblk.ae redirects to the dealer Evcars, in Dubai ^{[160][161][162][163]}.
- **ANALYSIS** These stores are not necessarily run by the brand: the dealer page names a third-party company for Malaysia, and the Australian store runs on a third party's Shopify store. Method: reading the dealer page and the store metadata ^{[28][161]}.

Dealers

CLAIMED The brand's "Global Dealer Network" page lists 22 points of sale in 15 countries or territories, including 5 in the United States, 2 in Canada and 3 in Europe: Green Drive in Claix (France), ROBOT ("ROBOT Leicester", with an address in Market Harborough, United Kingdom) and SilentDrive in Leipzig (Germany); the others are in Asia, Australia, the United Arab Emirates and Turkey ^[28].

ESTABLISHED Green Drive has 4 HALODISC 2 product pages (Tesla Model 3, Model Y, Model S and Model X) ^[26], including the Tesla Model 3 page, archived no later than 12 July 2025 ^[154]; SilentDrive has sold the HALODISC 2 since 5 June 2025 in more than 70 variants, for Germany only ^{[29][110]}; Robot Bodykits has 10 HALODISC 2 product pages published from 5 March 2025 to 17 July 2026 ^[30]; outside Europe, Evcars (Dubai) and ModBargains (United States, not on the official list) also sell the disc ^{[164][100]}.

CLAIMED Green Drive writes that it distributes "en exclusivité la gamme HaloBLK® en Europe" (the HaloBLK® range exclusively in Europe) ^[26]. **ESTABLISHED** SilentDrive and Robot Bodykits also sell the HALODISC 2, the brand's official list names them, and haloblk.com is configured to ship to France and 24 other EU member states ^{[29][30][28][90]}. **UNCONFIRMED** No distribution agreement is public: the scope of this exclusivity (countries, range, period) is not known.

Amazon and marketplaces

ESTABLISHED On Amazon.com, the storefront of the seller "HALOBLK Direct" offers only accessories (storage trays, sunshades, pedals, organizers), and no discs ^{[5][165]}. **ESTABLISHED** HALODISC 2 listings exist on Amazon.com, Amazon.co.uk and Amazon.ca, but no offer is active on them on 21 October 2026, and the same listing cannot be found on Amazon.fr or Amazon.de ^{[52][166][167][168][169]}. **ESTABLISHED** On Amazon.com, a search for "haloblk" displays "Shop direct" links that lead to haloblk.com ^[170]. **UNCONFIRMED** eBay, AliExpress and Walmart: no listing found by a non-exhaustive search; Tmall, JD and Douyin could not be read.

Paid communication

ESTABLISHED Part of the communication is paid: an Electrek article labeled “Sponsored Post” (10 October 2025), a paid press release (15 October 2025), YouTube videos with paid promotion or a commission link; the video linked from the home page gives a 10% discount code ^{[68][4][69]}.

Documented imports into the United States

A bill of lading is the transport document for an ocean shipment. US customs manifests, transcribed by ImportGenius, give the shipper, the importer, a description, the number of cartons and the weight. They describe shipments, not sales.

Containers linked to Halo BLK arriving in the United States, according to published bills of lading

ARRIVAL	SHIPPER	IMPORTER	DECLARED DESCRIPTION	CARTONS; GROSS WEIGHT
10 June 2025	Shenzhen Microgravity	Haloblk Innovation Inc	“PLASTIC COVER FOR ORNAMENTAL”	ESTABLISHED 300; 3,300 kg ^{[8][11]}
25 June 2025	Shenzhen Microgravity	Haloblk Innovation Inc	“ORNAMENTAL ARTICLES STAINLESS STEEL”	ESTABLISHED 770; 7,948 kg ^[8]
27 August 2025	Haloblk Innovations Technology (Hong Kong)	Haloblk Innovation Inc	“ORNAMENTAL ARTICLES STAINLESS STEEL EMPTY PAPER BOX”	ESTABLISHED 895; 7,830 kg ^{[8][12]}
28 August 2026	Shenzhen Microgravity	Taelin Global Inc	“PLASTIC LID LUGGAGE LOCK PLASTIC LABEL CLIP”	ESTABLISHED 850; 7,146 kg ^[11]
20 September 2026	Shenzhen Microgravity	Royal Crest Core Inc	“PLASTIC COVER”	ESTABLISHED 850; 6,959 kg ^[11]
6 October 2026	Shenzhen Microgravity	Treeheart Media Inc	“PLASTIC COVER”	ESTABLISHED 870; 7,107 kg ^[11]

ESTABLISHED Total for 2025: 1,965 cartons and 19,078 kg, all for Haloblk Innovation Inc; total for 2026: 2,570 cartons and 21,212 kg, to three other importers ^{[8][11]}. **ESTABLISHED** These three importers mainly receive goods from other Chinese shippers, unrelated to wheel covers (electric bikes and scooters, phone cases, batteries) ^{[136][137][138]}. **UNCONFIRMED** Nothing proves that the 2026 containers hold HALODISC units or that they are intended for Halo BLK: generic descriptions, one shipment that mentions luggage locks, no customs code ^[11].

ANALYSIS What can be concluded: there is a physical flow from Shenzhen and Hong Kong to California, and the main shipper is also the trademark owner. The switch to containers from June 2025 follows the end, on 2 May 2025, of the US small-parcel exemption (“de minimis”) for products from China and Hong Kong: it is first of all a change in logistics. Only ocean freight with a bill of lading is covered; air freight and parcels fall outside these data. Method: reading the bills of lading and official US texts ^{[11][8][152]}.

ANALYSIS If each carton contained one set of 4 (8 to 11 kg on average per carton, for a catalog shipping weight of 7 kg per set), this would come to about 2,000 sets in 2025. The assumption cannot be verified: one shipment includes empty boxes, and the descriptions cover other items. This is neither a sales figure nor a worldwide total ^{[8][1]}.

Growth indicators

UNCONFIRMED Halo BLK's worldwide sales cannot be publicly verified: no source gives a number of discs sold, of orders, or revenue by channel ^[25]. The indicators below are indirect, different in nature, and cannot be added up.

Published figures and funding rounds

CLAIMED According to 36Kr and Ebrun (29 March 2024), two nearly identical articles that very probably reproduce an announcement by the company, “黑洛科技” achieved 2023 revenue of “数千万元” (several tens of millions of yuan), roughly half in China and half abroad ^{[14][25]}. **ANALYSIS** This figure is not confirmed by any published accounts, covers the entire activity of the Hunan company or of the group, and the articles never mention “HALOBLK”; “数千万元” has no precise bounds. Method: reading the articles and the company profile ^{[14][133]}.

CLAIMED Funding rounds: a seed round of “千万级” (on the order of ten million yuan) in February 2022 with Tiantu Capital, then a strategic round of the same order in March 2024 with 上海蔓藤工业产品设计有限公司, an industrial design firm in Shanghai; the funds were to go to design, research and the US market ^{[13][14]}.

UNCONFIRMED No more recent round and no figure for 2024, 2025 or 2026 has been found ^[25]. **CLAIMED** A Korean dealer repeats a claim by the brand: 300,000 buyers worldwide ^[171].

Customer reviews, audience and searches

ESTABLISHED The Judge.me “verified reviews” counter embedded in the haloblk.com home page went from 460 on 1 October 2025 to 1,021 on 21 October 2026 ^{[172][119]}. **ANALYSIS** This counter is not an independent measure: “verified” is the review service's own notion, calculated from the store's orders. Method: comparison with the published reviews ^[76].

ANALYSIS From January to September, reviews posted directly on the site went from 240 in 2025 to 398 in 2026 (+66%), and from 235 to 334 (+42%) excluding reviews of a provider's purchase protection; the increase is concentrated on the discs. Over the same period, the share of 1- or 2-star reviews went from 0% in Q2 2025 to 20% in Q2 2026, then 12% in Q3 and 18% from 1 to 20 October 2026; the average rating of non-imported reviews went from 4.87 out of 5 in the first half of 2025 to 4.16 in the first half of 2026, then 4.37 since July 2026. A review is not a sale: the number of reviews per order is unknown, and these reviews concern direct sales only. Method: complete read-through of the 1,832 public reviews on 21 October 2026 ^[76].

ESTABLISHED On Trustpilot, on 21 October 2026: 4.1 out of 5 from 96 reviews, of which 59% are 5 stars and 20% 1 star; the company invites its customers to leave a review ^[157].

ANALYSIS Traffic estimates contradict each other: Semrush gives 77,592 visits in September 2026 after 132,899 in August, and Similarweb about 97,400 visits under the heading “Total Visits Last 3 Months” (probably a monthly figure, without proof), with a 7% increase over one month; these are models, not measurements, and part of the traffic estimated by Semrush (Bangladesh, desktop only) appears to be non-human. Method: reading the two public pages ^{[173][174]}. **ESTABLISHED** The Tranco ranking, which aggregates several independent sources, places haloblk.com between 1,477,053rd and 1,672,496th from 14 September to 20 October 2026: a site with a small audience and a stable rank ^[175].

ESTABLISHED On Google Trends (a relative index out of 100, not a volume), worldwide searches for “haloblk” stand at 5.2 in September 2025 and 13.5 in September 2026, with a peak of 20 in May and June 2026 ^[176].

ANALYSIS The brand is taking a growing share of searches in its category (ratio between “haloblk” and

“tesla wheel covers” of about 0.14 in September 2025 and 0.27 a year later); the decline since June seems seasonal, and the worldwide series, driven by Asia, poorly reflects European demand. Method: reading the series from 1 October 2024 to 20 October 2026 ^[176].

ESTABLISHED Dated signs of expansion: European dealers since 2025, a Canadian store opened at the end of August 2026, a Korean version of the website first captured on 6 October 2026, and a Cybertruck version online since 12 October 2026 ^{[29][92][155][1]}.

Halo BLK growth indicators: value, period and nature

INDICATOR	VALUE	PERIOD	NATURE
Published revenue	“数千万元”, half China, half abroad ^[14] ^[25]	2023	CLAIMED announcement repeated by the press
Funding rounds	“千万级” (Tiantu); “千万级” (Shanghai design firm) ^{[13][14]}	February 2022; March 2024	CLAIMED press
Judge.me verified reviews	460 then 1,021 ^{[172][119]}	1 October 2025 to 21 October 2026	ESTABLISHED store counter
Reviews posted on the site, January to September	+66%; +42% excluding purchase protection ^[76]	2025 to 2026	ANALYSIS recount
Trustpilot	4.1 out of 5, 96 reviews ^[157]	21 October 2026	ESTABLISHED snapshot
Estimated visits	77,592 (Semrush); about 97,400 under a quarterly heading (Similarweb) ^[173] ^[174]	September 2026	ANALYSIS estimates
Tranco rank	1,477,053rd to 1,672,496th ^[175]	14 September to 20 October 2026	ESTABLISHED ranking
Google Trends “haloblk”	5.2 then 13.5 out of 100 ^[176]	September 2025; September 2026	ESTABLISHED relative index
Cartons imported into the United States	1,965; 2,570, contents not established in 2026 ^{[8][11]}	2025; 28 August to 6 October 2026	ESTABLISHED flows, not sales
Worldwide sales	not published	not applicable	UNCONFIRMED not public

Halo BLK patents, designs and trademarks

Four kinds of rights are involved, and they do not protect the same thing. An application is not a granted right: it can be rejected or abandoned. A right is valid only in the territory where it was granted.

Intellectual property rights, explained

TYPE	WHAT IT PROTECTS	HOW IT IS OBTAINED AND HOW LONG IT LASTS	EXAMPLE AT HALO BLK
Patent for invention	a technical solution: how the object works	ESTABLISHED substantive examination; 20 years from filing, if fees are paid ^{[177][178]}	US 12,415,379 B1
Utility model (China)	a technical solution relating to the shape or structure of a product	ESTABLISHED preliminary examination only; 10 years ^[177]	CN222875657U
Design	appearance (shape, patterns), never function	ESTABLISHED China: preliminary examination, 15 years; EU: registration without novelty examination, up to 25 years ^{[177][179]}	CN309295172S, CN309447586S
Trademark	a name or sign, for the goods listed	ESTABLISHED registration, 10 years, renewable ^[6]	HALOBLK, HALODISC

Rights related to the wheel covers

Patents, designs and trademarks related to Halo BLK wheel covers, status as of 21 October 2026

RIGHT AND TERRITORY	SUBJECT AND WHAT IT PROTECTS	APPLICANT AND OWNER, DATES	STATUS AS OF 21 OCTOBER 2026	LINK WITH THE PRODUCTS
US 12,415,379 B1, patent, United States	"Hubcap central locking mechanism": the structure of a central lock for a wheel cover (screw, balls, spring, gasket) ^[17]	Shenzhen Microgravity; filed on 10 December 2024, granted on 16 September 2025, expected expiry on 10 December 2044 ^[15] ^[180]	ESTABLISHED granted ^{[180][17]} ; ANALYSIS no maintenance fee due as of 21 October 2026 ^[178]	ANALYSIS very probably the Center Lock, but no document says so
CN222875657U, utility model, China	central lock for a wheel cover: the same structure ^[16]	Shenzhen Microgravity; filed on 7 August 2024, granted on 16 May 2025, expiry no later than 7 August 2034 ^[16]	ESTABLISHED granted without substantive examination; "Active" according to private databases; Chinese register not consulted ^{[181][177]}	ANALYSIS same conclusion
CN309295172S, design, China	the shape of an "aerodynamic wheel cover (黑洛)" ^[62]	Shenzhen Microgravity; filed on 7 August 2024, granted on 16 May 2025, expiry no later than 7 August 2039 ^[62]	ESTABLISHED granted; "Active" according to PatSnap ^[62]	UNCONFIRMED views not compared with the discs sold
CN309447586S, design, China	the shape of a central lock for a wheel cover, in several variants ^[63]	Shenzhen Microgravity; filed on 17 December 2024, published on 19 August 2025, expiry no later than 17 December 2039 ^[63]	ESTABLISHED granted; "Active" according to PatSnap ^[63]	UNCONFIRMED same caveat

RIGHT AND TERRITORY	SUBJECT AND WHAT IT PROTECTS	APPLICANT AND OWNER, DATES	STATUS AS OF 21 OCTOBER 2026	LINK WITH THE PRODUCTS
Design application, China (26 December 2025)	a wheel cover lock described as “universal, type A”	Shenzhen Microgravity, according to a design database consulted only once	UNCONFIRMED absent from the published rights indexed on 21 October 2026 ^[182]	UNCONFIRMED unknown
EU trademark 018756190 HALOBLK	the name HALOBLK, classes 9 and 12, wheel covers included ^[6]	Shenzhen Microgravity; filed on 6 September 2022, registered on 21 December 2022, valid until 6 September 2032 ^[6]	ESTABLISHED registered, no opposition or cancellation ^[6]	ESTABLISHED name under which the discs are sold in France ^[26]
HALOBLK trademarks in Canada (TMA1242782) and Australia (2338814)	the name HALOBLK; in Canada, hub caps included; in Australia, without wheel covers ^{[121][122]}	Shenzhen Microgravity; registered on 5 July 2024 and 10 October 2023 ^{[121][122]}	ESTABLISHED registered ^{[121][122]}	ESTABLISHED for the name
US trademarks HALOBLK (Reg. No. 8,173,072, class 12) and HALODISC (Reg. No. 8,088,683)	the name, wheel covers included ^{[123][124]}	one individual for each, two different people with addresses in Shenzhen; registered on 17 March 2026 and 30 December 2025 ^{[123][124]}	ESTABLISHED registered, according to US trademark office data read via Trademarkia ^{[123][124]}	UNCONFIRMED no document on the link between these owners and the company
US application HALODISC (serial 90834824)	the name HALODISC	Shenzhen Microgravity; filed on 18 July 2021 ^[147]	ESTABLISHED abandoned on 20 February 2023 ^[147]	no effect

ESTABLISHED The group’s other rights (European patent application EP 4512668 A1, Chinese application CN117429357A, EU design 015060021-0001, the HaloStation trademark, US design patents) concern an accessory docking station, mounts, a cup holder, mats, pedals, a spoiler and storage; filed from 2022 to 2025 by Shenzhen Microgravity or by the Hong Kong entity, none of them concerns wheel covers ^{[141][182][128][129][183]}.

ESTABLISHED Claim 1 of the US patent requires a whole combination of parts: the wheel cover, its locking part and a decorative cap, a screw threaded into a pressure part that secures a bracket, a lock body pierced with ball holes, a threaded locking element, a silicone hub gasket and a spring; claim 5 specifies six balls ^{[17][180]}. **ESTABLISHED** The Chinese utility model describes the same structure; it protects a technical solution, not the appearance ^{[181][177]}.

These parts appear, numbered, on the patent’s eight drawings, reproduced and explained in the section “Drawings of a wheel cover center lock”. There they keep the patent’s own names: the pressure part is the “interlinked pressing member” (8), the bracket the “outer supporting member” (2), the locking part the “hubcap locking member” (12) and the threaded locking element the “locking member of central locking mechanism” (6) ^[15].

ESTABLISHED The US patent claims priority from the Chinese filing of 7 August 2024; “Active”, for these rights, is the estimate of Google Patents and PatSnap, not an entry in the registers ^{[180][17]}. **ESTABLISHED** For Google Patents, the lock family includes only the Chinese and US rights, with no European or international publication; the European Patent Register contains, for Shenzhen Microgravity, only an unrelated

application (an accessory docking station), and nothing for the applicants “Haloblk” or “Heiluo”^{[180][18][64]}^[141]. **UNCONFIRMED** No international (PCT) application on the lock has been found, but the WIPO database was inaccessible; such an application, if it existed, could still enter the European phase until 7 March 2027^[184]. **ANALYSIS** The 12-month priority period expired on 7 August 2025, and a new European filing would run up against the applicant’s own publications, as there is no general grace period: only an international application already filed could still lead to a European patent. Method: reading the European Patent Convention^{[185][186]}. This reading is not legal advice: the validity and scope of a right, like the freedom to copy a product, are matters for an intellectual property attorney or a court.

ANALYSIS No patent, utility model or registered design having effect in France has been found, either for the lock or for the shape of the discs; the only registered right found that applies in France is the EU trademark HALOBLK. Limits: the search covers the known names of the group and of its inventors; the database of the French INPI and international designs could not be consulted^{[18][64][65][6]}. **ANALYSIS** This does not mean that the appearance of the discs is free of all rights in France: an unregistered EU design (3 years from first disclosure, against copying only) or copyright can exist without any filing. This report does not take a position on whether they apply^{[179][187]}.

“Patented”: what the brand and its dealer say

CLAIMED Halo BLK presents its lock as a “patented center-lock mechanism” on its “Wheel Cover Story” page, without a patent number; the wording was already there on 19 January 2025; its 75 product pages do not mention a patent^{[146][188][1]}. **ANALYSIS** On 19 January 2025, no right in the family had yet been granted: only applications existed. Method: comparison of dates^{[188][16][17]}. **CLAIMED** Green Drive refers to a “système breveté” (patented system) on its product pages, without a number^{[10][45]}.

CLAIMED As early as 2022, the product page of the first HaloDisc advertised “patented screws and nuts”, and in 2024 “Patented Lug Nuts” presented as anti-theft, without a number^{[37][38]}. **ANALYSIS** None of the rights found in the group’s name covers these fasteners; the oldest right related to wheel covers was filed on 7 August 2024. Method: comparison with the list of published rights^{[182][183][16]}.

ANALYSIS The “patented” claim is consistent with the rights granted in the United States and China to the trademark owner, but no document links the product to these numbers, and no corresponding right has been found in France or the EU. That these rights cover the HALODISC 2 Center Lock is very probable: the same owner; a stainless steel positioning ball and a gasket advertised by the brand, which echo the balls (six in claim 5) and the gasket claimed; a priority date earlier than the first online announcements. Discrepancies remain: the brand promises installation with “no screws” whereas claim 1 includes a screw, and refers to a rubber gasket where the patent describes a silicone gasket. Method: comparison of the rights, the brand’s pages and Chinese law^{[17][3][146][177]}.

ESTABLISHED Google Patents lists 106 Chinese documents in the name of Shenzhen Microgravity; only three concern wheel covers, the others cover mats, pedals, spoilers, mirrors and storage^[182]. **UNCONFIRMED** No assignment or license between the company and the two owners of the US trademarks HALOBLK and HALODISC has been seen^{[123][124]}.

What is not public about Halo BLK

The following points could not be established from public sources as of 21 October 2026. They are listed so that they are not presented as facts.

Companies and people

- **UNCONFIRMED** Shenzhen Microgravity's official entry in the Chinese register (legal representative, capital, shareholders, scope of production or sales): the registers block automated access.
- **UNCONFIRMED** The official register entry of Changsha Heiluo and any legal link with Shenzhen Microgravity ^[133].
- **UNCONFIRMED** The Hong Kong register entry of Haloblk Innovations Technology and the California register entry of Haloblk Innovation Inc (date of incorporation, officers) ^{[129][7]}.
- **UNCONFIRMED** The identity of "Scott Z." and any link with the people named in the registers; the role of the owners of the US trademarks ^{[5][123]}.
- **UNCONFIRMED** The entity that actually collects European payments since FastSea ceased trading, and the economic operator responsible for products sold directly in the EU ^{[126][127]}.

Manufacturing and logistics

- **UNCONFIRMED** The factory or subcontractor for the disc and the lock: this would require the complete bills of lading and the markings on a purchased product ^[11].
- **UNCONFIRMED** The address and operator of the Los Angeles and City of Industry warehouses ^{[153][84]}.
- **UNCONFIRMED** The exact contents and final consignee of the 2026 containers ^[11].
- **UNCONFIRMED** The actual shipping country for French orders, who pays VAT and duties on delivery, and the actual shipping costs, shown only at checkout ^{[107][108]}.
- **UNCONFIRMED** Green Drive's sourcing (stock in France or shipment from China) and the reality of its exclusivity ^[26].

Product and performance

- **UNCONFIRMED** The weight of a disc and of a lock, the tightening torque, the role of the left and right parts ^{[1][48]}.
- **UNCONFIRMED** The manufacturer's tests (speed resistance, impacts, UV, heat), the data from its range tests and any type approval ^{[20][4]}.
- **UNCONFIRMED** An independent, controlled test of a HALODISC on a Tesla Model 3 or Tesla Model Y, compared with original wheel covers ^[22].
- **UNCONFIRMED** Compatibility with snow chains and with the tire pressure monitoring of the Tesla Model 3 and Tesla Model Y ^{[189][36]}.
- **UNCONFIRMED** The actual rate at which center caps fall off: only the reviews the store publishes are available ^[76].

Intellectual property and sales

- **UNCONFIRMED** The official status of the Chinese rights in the Chinese register, the complete views of the designs and any international application on the lock ^[16].
- **UNCONFIRMED** Worldwide sales, their breakdown by channel and the share of Europe or France; any sales on Tmall, JD or Douyin ^{[25][118]}.

Halo BLK and its wheel covers: questions and answers

What is Halo BLK?

CLAIMED Halo BLK (HaloBLK, HALOBLK) is a brand of Tesla accessories that presents itself as based in Irvine, California ^[4]. **ESTABLISHED** Its catalog is primarily devoted to the HALODISC 2 full wheel cover, sold in sets of 4 for the Tesla Model 3, Model Y, Model S, Model X and Cybertruck ^[1]. **ESTABLISHED** Its European trademark belongs to Shenzhen Microgravity Technology, a company based in Shenzhen ^[6].

Is Halo BLK an American or a Chinese company?

ESTABLISHED Halo BLK is a brand linked to companies in both countries: Haloblk Innovation Inc, registered in California, imported the brand's containers in 2025 ^{[7][8]}; Shenzhen Microgravity Technology, in China, holds the EU trademark HALOBLK, the US patent and the Chinese rights ^{[6][15][16][62][63]}. **ANALYSIS** The design and most of the intellectual property are in China; the US company imports, and probably operates the online store. Method: cross-checking registers and bills of lading ^{[16][8]}.

Where are Halo BLK wheel covers made?

UNCONFIRMED No public document names the factory ^[13]. **ESTABLISHED** The containers received in the United States in 2025 left from Yantian, the port of Shenzhen ^[8]; **CLAIMED** the brand writes that Custom Numbers are produced and shipped from China ^[84], and the Chinese press that “黑洛科技”, to which it attributes the HaloDisc, relies on the Chinese supply chain ^{[13][14]}.

Will Halo BLK wheel covers fit my Tesla?

ESTABLISHED The website offers the Tesla Model 3, Model 3 Highland, Model Y, Model Y Juniper, Model S and Model X in 18 to 21" depending on the model, and the Cybertruck in 20" ^[1]. **CLAIMED** The brand's guide excludes three original wheels: 18" Prismata (2026 Tesla Model 3 Standard), 18" Aperture (2026 Tesla Model Y Juniper Standard) and 21" Arachnid 2.0 (2026 Tesla Model Y Juniper); one product page adds the Cybertruck's 18" Molten, and non-Tesla wheels are excluded too ^{[9][34][2]}. **ANALYSIS** The brand's pages do not agree on interchangeability between models: it is best to have the brand confirm the exact wheel before buying ^{[1][2][9]}.

How are HALODISC 2 wheel covers attached?

CLAIMED With a center lock fitted at the center of the wheel, on the hub, without touching the lug nuts, and tightened with a supplied tool ^{[2][3]}. **CLAIMED** The original wheel cover or center cap must be removed; the brand claims 30 seconds per wheel, and 10 to 15 minutes in total according to its blog ^{[34][19][47]}. **CLAIMED** The valve stem is covered: the disc must be removed to inflate the tire ^[2].

Do Halo BLK wheel covers increase range?

CLAIMED The brand claims 1 to 10% depending on the page, without a complete protocol ^{[19][20]}. **CLAIMED** The only press test, on a Cybertruck with a set supplied by the brand, gives 5 to 9% on the highway compared with bare wheels ^[22]. **ESTABLISHED** On a Tesla Model 3 Long Range on 18" wheels, Car and Driver measured in 2019, with Tesla's original aero covers and compared with the bare wheel, energy use 3.4% lower on average between 50 and 90 mph (80 and 145 km/h) ^[71]. **UNCONFIRMED** No independent test compares a HALODISC 2 with these original covers ^[22].

How much do Halo BLK wheel covers cost in France?

ESTABLISHED On 21 October 2026, haloblk.com sells the set of 4 for \$219 to \$429 depending on design and size (\$438 for the Cybertruck), in dollars and with no taxes shown ^{[1][2]}. **ESTABLISHED** The French dealer Green Drive sells it for €294.90 to €344.90 including VAT ^[10]. **ANALYSIS** Ordered directly from France, an RTP Black 18-19" set would come to about €245 with duties and VAT, plus shipping, if the brand does not cover them ^{[91][86][113]}.

Are Halo BLK wheel covers patented?

ESTABLISHED Shenzhen Microgravity holds a US patent (US 12,415,379 B1), a Chinese utility model and two Chinese designs related to wheel covers ^{[15][16][62][63]}. **ANALYSIS** That they cover the HALODISC 2 lock is very probable, but no document says so ^[17]. **ANALYSIS** No patent or registered design having effect in France has been found; the only registered right found that applies there is the EU trademark HALOBLK, bearing in mind that the French INPI database could not be consulted ^{[18][65][6]}.

Can Halo BLK wheel covers bought from France be returned?

CLAIMED According to the brand's policy updated on 8 October 2026, orders delivered outside the United States are final sale, with no return or exchange, and the warranty is 6 months; the same policy states that it does not limit the rights that applicable law makes mandatory ^[24]. **CLAIMED** The French version of this policy says something different ^[79]. **CLAIMED** The dealer Green Drive advertises 30-day returns and a 2-year warranty ^[10].

Sources and verification date

Sources accessed on 21 October 2026 unless otherwise stated, numbered in the order in which they are first cited. The pages of the brand and of its dealers may have changed since; Internet Archive captures preserve the state of a page on a given date. Some sources are raw data published by stores, registers or archives (JSON, XML or text files): they prove what the pages do not display, such as SKUs, availability or the creation dates of product pages, and are marked "raw data". The brand's readable pages are gathered in the official links of the pricing section.

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