

BOSCH INJECTOR NUMBERS

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How to read Bosch injection pump numbers? The BOSCH pump number is stamped on the side of the injection pump. For common rail pumps a black label is stuck on one side of the pump . The basis of BOSCH product number is a base ten digits composed of a first character followed by a blank and three groups of three characters separated by a space.

How do I know which Bosch fuel injector I have?

Where can I find injector codes? It is more common, though, for the trim code to come physically stamped on the injector itself. This makes it easier to read for the installer. For a lot of injectors, this stamping is done on the solenoid. In other cases, like with Delphi injectors, you'll find a parts sticker on the body of the injectors.

How do I find my injector part number? The part number that will be stamped on the actual injector will be the manufacturer's part number.

How do you read a pump number? Pump Size Number Note that the size number 1-1/2 x 3 – 6 indicates that the pump has a 1-1/2 inch discharge port, a 3 inch suction port, and a maximum nominal impeller size of 6 inches. This type of nomenclature is common, with some companies putting the 3 in the first position instead of the 1-1/2.

What do pump numbers mean? 15/50: This rating represents the pump's flow rate at a particular pressure. In this case, it signifies the flow rate at a 50-meter head. The 15/50 pump is typically used for larger heating systems. 15/60: Similar to the 15/50, the 15/60 pump indicates its flow rate, but at a 60-meter head.

Where is the code on Bosch injectors? Bosch coil type injectors can have up to 9 alphanumeric code and it is marked on the top of the coil. Bosch piezo type injectors can have up to 9 alphanumeric code and it is marked on the top of this plastic housing.

What is the life expectancy of a Bosch fuel injector? In general, they're expected to last a pretty long time. Both Bosch and Delphi, two major manufacturers of automotive components, say their fuel injectors have a life expectancy of 1 billion cycles. Essentially, that means that the fuel injectors should last as long as the car does.

How to read fuel injector numbers?

What code is a bad injector? Electrical-related fuel injector problems trigger a P0200 to P0208 code. A P0200 code indicates a general fault or problems with multiple injectors. P0201 to P0208 codes indicate a problem with a specific injector - for example, P204 would indicate the problem is with the fuel injector for the #4 cylinder.

How many digits is the injector ID code? Typical length is 6 digits and found on the injector head. BOSCH Common Rail Injectors – As a rule all require coding, although some earlier releases may not, in simple terms if an IMA code is present then the injector will need coding. Typical length of code is 6-10 digits and found on Injector head.

What happens if you don't code injectors diesel? The resulting engine performance will be poor including high fuel consumption, lumpy running, and poor high NOx emissions. It is advisable to perform coding after testing an injector to know that all its measurements are within tolerances and that the resulting code will contain that established information.

How do I find my Bosch part number? If you don't know it, please find it on the Rating Plate. For mobile phone users, you can take a picture of your rating plate and our system will automatically add the Model Number (E-Nr) for you.

How to tell genuine Bosch injectors? To verify whether the product is genuine, first check the holographic properties of the Bosch Secure Code Label. For genuine

Bosch products, the secure code and logo on the Bosch Secure Code Label should glimmer in rainbow colours when it is exposed to direct light.

How do I know what fuel injectors I need? The simple formula is horsepower times BSFC – or 500 horsepower x 0.5 = 250 lbs/hr of fuel. This is the amount of fuel we need to supply to the engine to achieve 500 hp. If we divide that volume by eight injectors (for a V8 engine), this comes to 31.25 lbs/hr necessary to feed the engine.

What are the numbers on the pump? The number that appears on the gas pump's octane label is the minimum octane rating, according to the EIA. The labels often even explain the math: the research octane rating plus the motor octane rating, divided by two. Retailers base their grades of gasoline at the pump based on the octane levels.

How to check pump details?

What is the pump serial number? Serial Numbers The serial number provides a unique identification of the pump and links the pump to its factory sales order file that contains the model number and item number.

How do you read pump specifications?

What is the pump model number? The model number helps to identify which series the pump is from and its specifications. Many model numbers start with 2-3 letters and then feature a series of numbers representing their specifications. The numbers will vary based on the model. For example, Vickers/Eaton's model numbers contain 3 letters.

How do I know what horsepower my pump is? How to Calculate Pump Horsepower. Use the formula $(TDH \times Q \times SG)/3960$. The TDH, or total dynamic head is: vertical distance the liquid travels (in feet) + friction loss from the pipe. Q equals the flow rate of liquid in gallons per minute, and SG is the specific gravity, which equals 1 for water.

How to read injector code?

Where can I find my injector number? All injectors have a part number stamped on the side, look at the number and type it in our search box to find it. Or if you know

your engine code/name you can also type this in the search box.

How long do Bosch injectors last? Fuel injectors, essential for your vehicle's engine performance, typically endure around 1 billion cycles, or between 50,000 to 100,000 miles in gasoline engines and 100,000 to 200,000 miles in diesel engines. This includes using high-quality fuel and timely replacing fuel filters.

What are the numbers on the pump? The number that appears on the gas pump's octane label is the minimum octane rating, according to the EIA. The labels often even explain the math: the research octane rating plus the motor octane rating, divided by two. Retailers base their grades of gasoline at the pump based on the octane levels.

What do the numbers on a water pump mean? Model Numbers The model number identifies the pump series or type, size, number of stages, and the standard materials of construction. Model numbers alone cannot identify whether the pump has any special or optional materials.

How do you read injectors sizes? When sizing your injector for gasoline a very simple rule of thumb to follow is: 1cc/min flow for each horsepower. So, if you want to make 1000 crank horsepower on 93 octane gasoline, using a fuel pressure of 43psi you need a 1000cc injector. This rule of thumb can be used for ethanol based fuels like e85.

How do you read a pump label?

What do the fuel numbers mean? The higher an octane number, the more stable the fuel. Retail gasoline stations in the United States sell three main grades of gasoline based on the octane level: Regular (the lowest octane fuel—generally 87) Midgrade (the middle range octane fuel—generally 89–90) Premium (the highest octane fuel—generally 91–94)

Is higher octane fuel better? For most vehicles, higher octane fuel may improve performance and gas mileage and reduce carbon dioxide (CO₂) emissions by a few percent during severe duty operation, such as towing a trailer or carrying heavy loads, especially in hot weather. However, under normal driving conditions, you may get little to no benefit.

What is the octane number and cetane number? The main difference between cetane and octane ratings is that the octane rating represents how well a fuel can resist pre-ignition due to compression—ensuring the fuel ignites only from a spark from the spark plug. However, the cetane number measures the delay in the ignition time of the fuel.

How to check pump details?

How do you read pump capacity? A PD pump curve indicates pump capacity, on the horizontal lines, in units per minute. In this example, the curve indicates gallons per minute (GPM) and liters per minute (LPM) in the left margin and the vertical lines indicates pump speed in revolutions per minute (RPM).

What settings should I use on my pump?

What do the numbers on injectors mean? 95% of our injectors have been marked with a 7 digit identification tag followed by a letter (126-2150H). The first three digits identify what vehicle they are for. So 126 would signify a DSM/Evo 8,9 specific part. • The next four digits represent the flow size.

What is the code on injectors? Coding of a fuel injector – is a mandatory step in injector repairs. By coding the injector you make a correction, perfectly balancing hydraulic parameters of the electromagnetic injector, as well as the piezoelectric injector in case of the Piezo Bosch.

Which injector is number 1? "Injector 1" would be the injector for cylinder 1. Cylinder 1 is normally found at the power take-off end of aircraft piston engines, and at the non-power-take-off end of other engines. For stationary engines, tractor aircraft, and vehicles with longitudinal engine installation, this puts it at the front of the engine.

What do the numbers on a pump mean? Besides a pump's part number, pump tags can include information like the gallons per minute, total dynamic head, and max working temperature of a pump.

How to read water pump specifications?

What do the numbers mean on a hydraulic pump? The numbers after these letters represent various specifications. In Vickers/Eaton models, the first 2-3 numbers typically represent the pump's displacement per revolution in cubic centimeters. So, the model number PVH057 suggests a displacement of approximately 57 cubic centimeters per revolution.

How many ships are there in Star Trek? In the Star Trek TNG / DS9 / Voyager universe, how many ships does Starfleet have? By the end of the Dominion War, it was probably closer to 2000 or 2500 vessels.

What is the most powerful ship in Star Trek?

What does NCC 1701 stand for? NCC is the Starfleet abbreviation for "Naval Construction Contract", comparable to what the U.S. Navy would call a hull number. Jefferies rejected 3, 6, 8, and 9 as "too easily confused" on screen; he eventually reasoned the Enterprise was the first vessel of Starfleet's 17th starship design, hence 1701.

How many starship Enterprises are there? Gizmodo's Io9 blog ranked the original design of the USS Enterprise (NCC-1701) as the best version of the Enterprise, characterizing the original as still superior to 11 later versions of the Enterprise that had appeared in the Star Trek franchise.

What is the most popular ship in Star Trek? Unsurprisingly, the most iconic and significant ship in the Star Trek franchise is the U.S.S. Enterprise. Each Star Trek fan will have their favorite version of the ship since there have been more of them.

What is the most heavily armed Starfleet ship? Designed as part of Starfleet's advanced technology starship program, the Invincible-class emerged from the dockyards in 2384 as the most sophisticated, most comprehensively armed, most impressive and the most advanced starship in Starfleet.

What does USS stand for on Star Trek? The Making of Star Trek explains that USS means "United Space Ship" and that "Enterprise is a member of the Starship Class". Licensed texts, on-screen graphics, and dialogue later describe the ship as a Constitution-class vessel.

What was the fastest Star Trek ship? USS Prometheus A prototype designed specifically for deep space tactical missions, the USS Prometheus is the fastest ship ever operated by Starfleet. Like other Federation starships, the Prometheus obtains faster-than-light speeds by using a warp drive.

Which Star Trek ship traveled the farthest? In general we know that a ship can't leave the galaxy because of the "barrier" but Voyager was dragged 70,000 light years into the Delta quadrant and the Enterprise-D was taken out of known space by the "traveller".

How fast is warp speed? Accordingly, "warp 1" is equivalent to the speed of light, "warp 2" is eight times the speed of light, "warp 3" is 27 times the speed of light, etc. Several episodes of The Original Series placed the Enterprise in peril by having it travel at high warp factors.

What does nx stand for in Star Trek? "The Making of Star Trek" (which came out in 1986) explains that NCC stands for 'Naval Construction Contract' while NX stands for 'Naval Experiment. ' Also, USS stands for 'United Space Ship. ' On-camera, neither NCC nor NX have ever explained, but NX means the ship is a prototype.

What does ISS stand for in Star Trek? ISS Enterprise. For the space station abbreviated as ISS, please see International Space Station. ISS, short for Imperial Star Ship, was the prefix designation given to space-faring ships in the Terran Empire registry and in the Terran Resistance Forces in the mirror universe. (

What happened to the Enterprise-D? As for how it was even possible for the Enterprise-D to exist after it was virtually destroyed in 1994's "Star Trek: Generations" (only the top saucer section was still intact after crash-landing on the planet Veridian III), it turns out Geordi La Forge took it upon himself to completely restore it for the Starfleet ...

Which Enterprise did Kirk captain? 23rd Century United Earth Fleet Timeline - USS Enterprise NCC-1701. Captain James T. Kirk (Paul Wesley) - In an alternate reality created by Romulan interference in Earth's 21st-century history, Captain James T. Kirk commanded the USS Enterprise, a starship in the United Earth Fleet.

What happened to Enterprise C? It is presumed, that the Enterprise-C was destroyed by the Romulans at the Klingon Outpost of Naranda III.

What is the most badass Star Trek ship? 1 USS Vengeance (Dreadnought Class)
With the unholy pact that Khan made, helping to design this ship, and his heightened intellect, Starfleet was able to secretly create one of the largest and the single most destructive forces in Starfleet's history.

Who is the most famous Starfleet captain?

What ship did Picard captain before enterprise? Ensign Picard's first posting was on the USS Reliant, later serving as first officer aboard the USS Stargazer, which he later commanded. During that time, he performed a warp-speed battle tactic that would become known as the Picard Maneuver.

What is the fastest Star Trek ship? There has only been one ship that is the fastest among all the other Starfleet crafts: the USS Prometheus. It makes its debut in the series Star Trek: Voyager (season 4, episode 14, "Message in a Bottle"). Despite its brief appearance, it is regarded to this day as one of the most innovative vessels in the galaxy.

What ship is bigger than a Star Destroyer? Within the Star Wars universe, the term "Super Star Destroyer" is a colloquialism used to refer to any ship larger than an Imperial Star Destroyer. The largest and most powerful of these is the Executor, which first appeared in The Empire Strikes Back (1980) as the personal flagship of Darth Vader.

What is the toughest Federation starship? In the Star Trek Picard Season 1 finale, Riker says that the USS Zheng He he is captaining is the "fastest, toughest" Starfleet vessel ever to be put into service. The USS Zheng He (NCC-86505) was a 24th century Federation starship, an Inquiry-class battleship in Starfleet service, commissioned in 2398.

What does the NCC 1701 mean? NCC is the Starfleet abbreviation for "Naval Construction Contract", comparable to what the U.S. Navy would call a hull number. Jefferies rejected 3, 6, 8, and 9 as "too easily confused" on screen; he eventually reasoned the Enterprise was the first vessel of Starfleet's 17th starship design,

hence 1701.

What does SS mean in Star Trek? The producers of Star Trek took the SS part to mean “Spaceship” and then amended it with a U to stand for the United Federation of Planets, so USS means “United Spaceship.” It appears another motivation for using the acronym may have been to appease patriotic network executives.

What does HF stand for in Star Trek? Star Trek: Hidden Frontier (HF) is a Star Trek fan film project. Produced on digital video, the show's sets are almost completely virtual, using a green-screen chroma keyed process to place performers into virtual settings.

What is the famous Star Trek ship? USS Enterprise (NCC-1701-E) This Sovereign-class craft, captained by Jean-Luc Picard in Star Trek: First Contact, Star Trek: Insurrection and Star Trek: Nemesis, was voted the best-engineered Federation ship (prime timeline) in a StarTrek.com fan poll.

What are the weakest Star Trek ships?

What is the most powerful Star Trek race? The Bajoran Prophets are revealed as potentially the most powerful race in Star Trek, feared and disliked by other gods. Sisko shows immense power in the Pleroma, hinting at the Prophets' true might. The Prophets' abilities include creating wormholes and orbs, potentially surpassing other powerful beings.

How many ships does Starfleet have in Picard?

What is the main ship from Star Trek? USS Enterprise (NCC-1701) is a starship in the Star Trek media franchise. It is the main setting of the original Star Trek television series (1966–69), and it is depicted in films, other television series, spin-off fiction, products, and fan-created media. Under the command of Captain James T.

How many Galaxy-class starships are there in Star Trek? Starfleet initially ordered a total of thirteen Galaxy-class vessels, however Starfleet Command decided that only seven would be completed, with only the frameworks for the other six built.

How many starships were there? In Star Trek: The Original Series (TOS), there's a line suggesting there might be only 12 "starships" (like the Constitution-class) at the time.

How many ships do the Klingons have? This proves beyond any doubt that even after almost two years of all out warfare the Klingon fleet still numbers at least 1,500 ships - possibly many more, since this is only the number of ships that will have that particular modification by the next day - and that the combined enemy forces numbers at least 30,000.

Why does Starfleet have so few ships? In-universe, the reason is that warp drive is too slow—you would need generation ships to travel to another galaxy.

What is the longest serving Starfleet ship? The Excelsior-class was a type of Federation starship used by Starfleet between the late 23rd and late 24th centuries. It was the backbone of Starfleet for over a century, making it one of the longest-serving starship designs and one of the fleet's most recognizable ships.

What is the fastest ship in Star Trek? USS Prometheus A prototype designed specifically for deep space tactical missions, the USS Prometheus is the fastest ship ever operated by Starfleet. Like other Federation starships, the Prometheus obtains faster-than-light speeds by using a warp drive.

What does USS stand for on Star Trek? It means, at various in-universe points, "United Space Ship", "United StarShip" or "United (Federation of Planets) StarShip".

What is the most powerful Borg ship? The Borg Cube is a formidable ship that can destroy multiple Starfleet ships and assimilate their crew into the Borg Collective. Other Borg ships, such as the Borg Sphere and Borg Tactical Cube, possess unique abilities and pose a significant threat to Starfleet.

What happened to Enterprise C? It is presumed, that the Enterprise-C was destroyed by the Romulans at the Klingon Outpost of Naranda III.

What is the largest Starfleet Starbase? Station Frontier was a massive space station, surpassing Earth Spacedock in both volume and size. It was one of only three Immense-class starbases ever created by Starfleet. It was the largest

Federation asset in what was called the "Frontier Region".

What class of starship was Voyager? USS Voyager (NCC-74656) is the fictional Intrepid-class starship which is the primary setting of the science fiction television series Star Trek: Voyager. It is commanded by Captain Kathryn Janeway.

What is the most common Starfleet ship? After the second vessel of the Excelsior line was christened as the USS Enterprise-B, this class would become one of the most widely recognised ship designs in all of Starfleet, favoured among many members of the fleet's admiralty.

What does Starfleet do with old ships? Daedalus Class is retired. No new vessels are produced by the Federation. Existing ships are either decommissioned or sold to civilians after having their computer databases scrubbed of proprietary or classified information. In total 45 ships are sold to civilians for various uses and 35 are decommissioned.

What was the first Star Trek ship? Enterprise, the starship that appeared in the opening credits of the original "Star Trek" television series, has been returned to Eugene Roddenberry Jr., the son of the creator of the series, decades after it went missing. "After a long journey, she's home," Mr.

Wordly Wise 3000: Book 6 Answer Key

Paragraph 1

- **Question:** What is the meaning of "ephemeral"?
- **Answer:** Lasting for a very short time
- **Question:** What is the synonym for "eulogy"?
- **Answer:** A speech in praise of a dead person
- **Question:** What is the antonym for "immutable"?

- **Answer:** Changeable

Paragraph 2

- **Question:** What is the meaning of "impervious"?
- **Answer:** Not allowing anything to pass through
- **Question:** What is the synonym for "insinuate"?
- **Answer:** Suggest subtly
- **Question:** What is the antonym for "abrogate"?
- **Answer:** Enact

Paragraph 3

- **Question:** What is the meaning of "jubilant"?
- **Answer:** Full of joy
- **Question:** What is the synonym for "loquacious"?
- **Answer:** Talkative
- **Question:** What is the antonym for "magnanimous"?
- **Answer:** Petty

Paragraph 4

- **Question:** What is the meaning of "obsequious"?
- **Answer:** Excessively attentive
- **Question:** What is the synonym for "parody"?
- **Answer:** A humorous imitation
- **Question:** What is the antonym for "prosaic"?
- **Answer:** Poetic

Paragraph 5

- **Question:** What is the meaning of "sagacious"?
- **Answer:** Wise and shrewd
- **Question:** What is the synonym for "scrupulous"?
- **Answer:** Extremely careful about doing what is right
- **Question:** What is the antonym for "terse"?
- **Answer:** Wordy

What is ISO 11607 2 2006 amd1 2014? This document specifies requirements for the development and validation of processes for packaging medical devices that are terminally sterilized. These processes include forming, sealing and assembly of preformed sterile barrier systems, sterile barrier systems and packaging systems.

What is ISO 11607-1? What is ISO 11607-1? ISO 11607-1 outlines requirements for materials, sterile barrier systems, and packaging systems of devices that must maintain sterility until point of use. Requirements and tests cover: Materials. Preformed sterile barrier systems.

What is the ISO standard for packaging validation? ISO 11607 is the principal guidance document for validating terminally sterilized medical device packaging systems. Packaging must comply with ISO 11607 in order to satisfy European regulations and obtain a CE Mark. ISO 11607 is also an FDA Recognized Consensus Standard.

What is ISO 11607 seal strength? Seal Strength and Flexible Package Integrity Testing ISO 11607 defines a seal as a result of joining surfaces together by fusion to form a microbial barrier. Seal strength is the mechanical capacity of the seal to withstand force.

What is a terminally sterilized medical device? Terminal sterilization is the process of sterilizing products in their final container. With respect to pharmaceutical manufacturing, traditional liquid sterile drug products are filled into clean and sterile primary containers such as vials, bottles, syringes, cartridges, or bags.

What is the ISO standard for sterility? Sterility test by ISO 11737-2: Aerobic bacteria, anaerobic bacteria and fungi. Sterility testing measures the growth of microorganisms on a product after the product has been sterilized.

What is the ISO standard for seal strength? ISO 11607 addresses two types of seal-strength testing: tensile strength testing and burst or creep testing. Pull it apart. Tensile seal-strength testing (ASTM F88) uses a defined width sample (25.4 mm or 1 in.)

What is the standard for medical device packaging? The two major device packaging standards for sterile medical devices are subparts of the ISO 11607 standard. Additionally, the U.S. Food and Drug Administration (FDA) recognizes International Safe Transit Association (ISTA) and ASTM-D4169 standards.

What is a sterile barrier system? Sterile barrier system is defined as “the minimum packaging configuration that provides a microbial barrier and allows aseptic

presentation of the product unit at the point of use". A preformed sterile barrier system is a "partially assembled sterile barrier system prior to filling and final closure and sealing".

Does FDA use ISO standards? Now that FDA has incorporated ISO 13485:2016, what happens if the standard is revised? A: Any future revisions to this standard would need to be evaluated to determine the impact of the changes and whether the QMSR should be amended. If needed, amendments to the QMSR will be implemented through rulemaking.

What does ISO stand for in packaging? Foreword. ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees.

What are the requirements for packaging validation? Packaging validation must address three basic elements: requirements, assumptions, and capability assessments (of materials, equipment, and processes); it examines variations within a package, from package to package, and from lot to lot.

What is ISO 11607 1 2006 packaging for terminally sterilized medical devices? ISO 11607-1:2006 specifies the requirements and test methods for materials, preformed sterile barrier systems, sterile barrier systems and packaging systems that are intended to maintain sterility of terminally sterilized medical devices until the point of use.

What is ISO 11607 test method? ISO-11607 package testing covers the design validation requirements and the attributes required of the materials. There are several goals of a terminally sterilized medical device packaging system. First, is to maintain sterility up until the point of use. Second, is to allow sterilization.

What is the ISO standard for sealing? ISO STANDARDS FOR SECURITY SEALS
ISO 17712 defines three types of classes of seal strength or barrier capacity: "I" for Indicative; "S" for Security; and "H" for High Security. C-TPAT requires the use of "H" class seals.

What is the difference between aseptic and terminal? The aseptic process is more carefully monitored all along production and quality is built into the drug product. Terminal sterilization relies more on the heat treatment procedure carried out at the end of production.

Is hydrogen peroxide IV approved by the FDA? “This concentration is not approved by FDA for any purpose,” said Dr. Steven Galson, Director of FDA's Center for Drug Evaluation and Research. “No one has presented any evidence that hydrogen peroxide taken internally has any medical value.

What are the four types of sterilization?

What is the latest ISO 11737-1? ISO 11737-1:2018 Sterilization of health care products — Microbiological methods Part 1: Determination of a population of microorganisms on products. This publication was last reviewed and confirmed in 2023. Therefore this version remains current. This standard has 1 amendment.

What ISO class is sterile? ISO Class 5 air is considered the working standard for sterile and non-sterile compounding when preparing single-dose vial preparation, IV bags, and syringes. ISO Class 5 air quality is required in the direct compounding area and must contain less than 100,00 particles per cubic meter.

What is the ISO standard for decontamination? Decontamination Audit Requirements for Acute Hospitals The ISO 13485 standards require organisations to carry out regular audits of the Central Decontamination Unit and Endoscopy unit to ensure standards are met and to identify any risks in either processing or management of invasive medical devices.

What is ISO 11737-2? ISO 11737-2:2009 specifies the general criteria for tests of sterility on medical devices that have been exposed to a treatment with the sterilizing agent reduced relative to that anticipated to be used in routine sterilization processing.

What is the ISO standard for biological evaluation of medical devices? The ISO 10993 set entails a series of standards for evaluating the biocompatibility of medical devices to manage biological risk.

What is the ISO standard for validation of medical devices? The standard requires both validation and verification of the design phase and the development phase when manufacturing a medical device. ISO 13485 requires the following steps be taken to accomplish successful device manufacturing: Determination of Input Requirements.

What is the ISO standard for medical device cybersecurity? ISO 27001 is based on a set of internationally recognized best practices that cut across platforms and software packages. ISO 27001 certification helps organizations adapt to cyber threats and maintain continuity in the event of an incident by assessing the measures they have taken to protect patient data.

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