

109-3743 Injector Nozzle Nut Technical File

SKU: G1Y20000378529



109-3743 Injector Nozzle Nut Technical File

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109-3743 Injector Nozzle Nut Technical File**1. 109-3743 Injector Nozzle Nut Introduction****1.1. 109-3743 Injector Nozzle Nut Basic Information**

Title	109-3743 Injector Nozzle Nut	Quality
SKU	G1Y20000378529	China Made New

1.2. 109-3743 Injector Nozzle Nut Common Part Number**(1) Injector Nozzle Nut Applicable Injector Model**

Injector Part Number	Replacement Part Number	OEM
/	/	/

(2) Injector Nozzle Nut Application Information

Vehicle/Equipment (Initial Part Install)	Manufacturer
/	/

(3) Injector Nozzle Nut Part Number Common Writing

109-3743

1.3. 109-3743 Injector Nozzle Nut Specifications and DimensionsInjector Nozzle Nut Size : $\Phi 37.45 \times 85.3 \times M29 \times 1$

Injector Nozzle Nut Net Weight : 200g

Injector Nozzle Nut (1 pcs/box) Size : /

Injector Nozzle Nut (1 pcs/box) Weight : /

Injector Nozzle Nut Quality : China Made New

Injector Nozzle Nut MOQ : 1pcs

1.4. 109-3743 Injector Nozzle Nut Quality Control**(1) Injector Nozzle Nut Testing**

All injector nozzle nut spare parts are tested for electrical characteristics, accuracy, high temperature, low temperature, withstand voltage, leakage, durability, and various working conditions.

(2) Injector Nozzle Nut Inspection

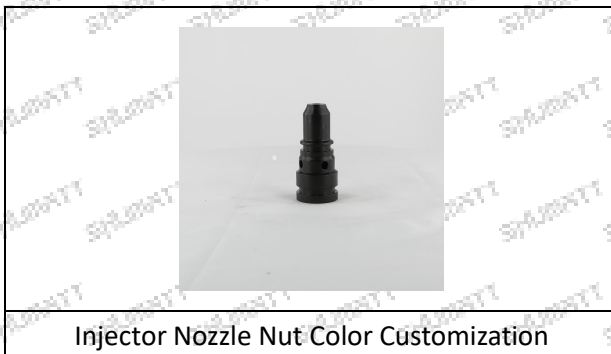
The factory inspection of the injector nozzle nut is undergone full inspection, random inspection, and batch inspection three inspections. Different brands of test benches are used to test the same injector nozzle nut for more than three times for factory inspection, and the injector nozzle nut installation testing environment are progressed in dust-free workshop.

(3) Injector Nozzle Nut Assembling

For the quality control of injector nozzle nut production and installation, our company strictly conducts installation per the standard installation parameters and procedures, covering the stroke test and fatigue spring test of the injector nozzle nut.

1.5. 109-3743 Injector Nozzle Nut Customized Service

- (1) **Injector Nozzle Nut Customized Service:** Meet the customized needs of OEM manufacturers for shell lettering, logo engraving, injector nozzle nut internal packaging, injector nozzle nut external packaging and labels customized, etc.



(2) **Injector Nozzle Nut Customized Service Requirements:**

Custom engraved or unengraved nozzle caps: Minimum order quantity (MOQ): **100 pcs.**

Custom injector nozzle cap barrels: MOQ: **2,000 – 3,000 pcs.**

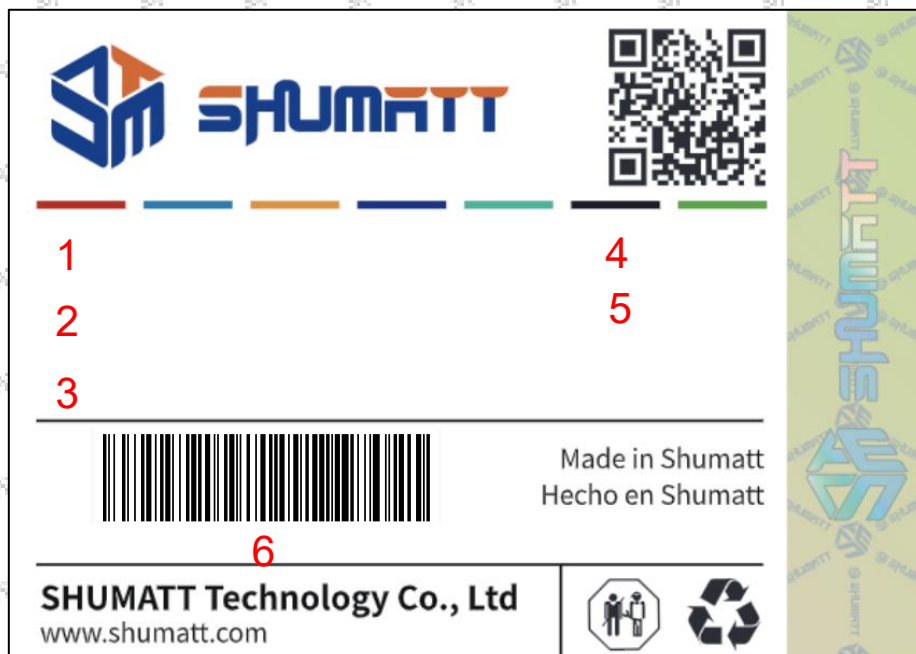
Custom packaging boxes for nozzle caps: MOQ: **1,000 boxes.**

For customized products featuring a specified logo, the OEM customer must provide proof of trademark authorization and a sample logo image file.

⚠ **Once the customized injector nozzle nut is sold, it cannot be returned or exchanged if there is no quality problems.**

(3) **Injector Nozzle Nut Label Printing Format Requirements:**

Nozzle Cap Label Information



No.	Description	Specification
1	Nozzle Nut Marking No.	109-3743
2	Nozzle Nut Order No.	/
3	Applicable Injector	/
4	Packing Quantity	1 Pcs
5	Series	C7/C9
6	SKU Code	G1Y20000378529

1.6. 109-3743 Injector Nozzle Nut Packing List and Package Size

(1) Injector Nozzle Nut Spare Parts List

No.	1	2	3
Image			
Name	Injector Nozzle Nut Assembly	Injector Nozzle Nut Package	Nozzle Nut Packaging Container
Description	Injector Nozzle Nut Part Number: 109-3743	Place the Oil Nozzle Nut Tightly	Nozzle Nut Loading

⚠ Keep the injector Nozzle nut assembly, storage container, and packaging box out of reach of children to prevent injury.

⚠ The Nozzle nut packaging box is reusable; the components are not reusable.

⚠ The Nozzle nut container is made of non-biodegradable material. Dispose of it properly after use.

1.7. 109-3743 Injector Nozzle Nut Warranty Instructions

(1) Product Warranty Conditions and Instructions

It is necessary to provide pictures, videos, or test reports detected by the injector nozzle nut inspection equipment when the injector nozzle nut is abnormal during use as evidence to feed back to the salesman. Abnormal conditions are properly explained such as: 1.Smoke, 2. Engine shake, 3. Difficulty starting the engine, 4. Engine noise, 5. oil leakage etc.

(2) Injector Nozzle Nut Warranty Coverage

If a performance failure occurs within 15 days of receiving the injector nozzle nut 109-3743, and the product is not visually damaged, the customer may choose to exchange it.

If a performance problem occurs with the injector nozzle nut 109-3743 during the warranty period (3 months), and testing confirms a product defect, the customer can contact our sales staff for a free replacement of the same model.

If the product is confirmed to be without fault, it will be returned in its original condition.

(3) Injector Nozzle Nut Out of Warranty Coverage

- ① The warranty period has expired and is not covered.
- ② Injector nozzle nut failure caused by high temperature, high pressure, humidity, rain, snow, saline-alkali soil, earthquakes, or abnormal environments.
- ③ Injector nozzle nut damage caused by human error (dropping, magnetization by a strong magnetic field, arson).
- ④ Injector nozzle nut failure or damage caused by issues other than the injector injector nozzle nut's design, technology, manufacturing, or quality.
- ⑤ Injector nozzle nut failure caused by system voltage exceeding the approved voltage.
- ⑥ Injector nozzle nut failure caused by impurities (water, lead, aluminum powder, iron powder, sulfide) in the system fuel exceeding the standard requirements.
- ⑦ Injector nozzle nut failure caused by installation not following the tightening torque specified in the vehicle's engine maintenance manual (excessive or insufficient tightening torque).
- ⑧ Injector nozzle nut failure due to failure to adhere to the installation angle specified in the vehicle engine maintenance manual.
- ⑨ Failure to adhere to the cleaning requirements specified in the vehicle engine maintenance manual.
- ⑩ Failure to follow the replacement requirements for wearing parts specified in the vehicle engine maintenance manual.

1.8. 109-3743 Injector Nozzle Nut Manufacturer

Injector Nozzle Nut Manufacturer: Shenzhen Shumatt Technology Co., Ltd

2. 109-3743 Injector Nozzle Nut Technical Support**2.1. 109-3743 Injector Nozzle Nut Clean**

(1) Before installation, the injector nozzle nut should be cleaned in an ultrasonic cleaner for 3-5 minutes to remove stains, dust, powder, rust-preventive oil oxides, paraffin bases, naphthenic bases, intermediate bases, salts, lead naphthenate, zinc naphthenate, sodium petroleum sulfonate, barium petroleum sulfonate, calcium petroleum sulfonate, trioleic tallow diamine, and rosin amine adhering to its surface.

(2) Use compressed air to remove the cleaning solution adhering to the surface of the nozzle nut after cleaning, ensuring it meets the usage standards.

2.2. 109-3743 Injector Nozzle Nut Causes of Being Damaged

- (1) Injector nozzle nut failure due to impurities (water, lead, aluminum powder, iron powder, sulfides) in the fuel exceeding standard requirements.
- (2) Normal wear of the nozzle nut due to prolonged high-temperature operation.
- (3) Wear of the nozzle nut needle causing blockage of the oil orifice, resulting in insufficient fuel injection and inability of the injector to function properly.

⚠ Wear of the nozzle nut needle causing blockage of the oil orifice, resulting in insufficient fuel injection and inability of the injector to function properly.

⚠ Wear of the nozzle nut 109-3743 causes increased fuel injection, leading to black smoke from the vehicle, and in severe cases, inability of the injector to function properly.

⚠ If the nozzle nut needle cannot be stably... Stuck motion can severely damage the injector nozzle nut.

⚠ Rust on the nozzle nut spring can lead to spring breakage, causing black smoke from the vehicle.

⚠ Wearing of the nozzle nut spring adjusting shim reduces the opening pressure of the nozzle nut, increasing the fuel injection volume and causing black smoke; in severe cases, it can prevent the injector from functioning properly.

⚠ Wearing of the nozzle nut needle valve lift adjusting shim increases the needle valve stroke of the nozzle nut, increasing the fuel injection volume and causing black smoke; in severe cases, it can prevent the injector from functioning properly.

⚠ Prolonged high-temperature, high-intensity operation can cause the nozzle nut head to crack.

2.3. 109-3743 Injector Nozzle Nut Technical Support Obtaining Methods

(1) Injector Nozzle Nut Technical File , visit <http://shumatt.com> to get the technical file.

(2) Injector Nozzle Nut Technical Videos

Facebook: Visit <https://www.facebook.com/hison.li> to get the technical videos, constantly follow can get more information.

YouTube: https://www.youtube.com/channel/UCByvVBx7VjV_mAfxh_Hu-aw to get the technical videos, constantly follow can get more information.

Shumatt: Visit <http://shumatt.com> to get the technical videos.

(3) Injector Nozzle Nut Information Query Software

Truck Book Parts EPC APP, Android/Apple App Store download and install, visit <http://shumatt.com> to get the download and installation tutorial

(4) Search The Injector Nozzle Nut Test Data Through Truck Book Parts EPC APP.

3. 109-3743 Injector Nozzle Nut Purchase and Delivery

3.1. 109-3743 Injector Nozzle Nut Purchase Payment Term

Payment Terms: T/T, PayPal, Alipay, WeChat

⚠ Please contact our salesmen for specific payment information.

3.2. 109-3743 Injector Nozzle Nut Main Sales Markets

Injector nozzle nut main sales markets: Asia, Europe, North America, South America, Africa etc.

3.3. 109-3743 Injector Nozzle Nut Declaration Requirements

Shumatt can assist customers to provide the following documents for import customs clearance: contract, invoice, packing list, bill of lading, insurance policy, certificate of origin, etc.

3.4. 109-3743 Injector Nozzle Nut Shipping Ways

Destination in China areas: SF Express, Debon Express, the corresponding logistics company can be provided according to customer requirements in special cases.

Destinations out of China's areas: DHL, UPS, FedEx, TNT air, ocean or other shipping methods required by customers.

3.5. 109-3743 Injector Nozzle Nut Lead time

Lead time: Send out within 3 – 7 working days after receiving payment (Except for special products and special cases) .

3.6. 109-3743 Injector Nozzle Nut Logistics Time for Destination Out of China's Areas

DHL Logistics Time :

Country or Region of Departure	Hong Kong, China	Other Countries or Regions of Asia	Australia and New Zealand	Europe	America	Other Countries
China's Mainland	7 Days	7 Days	8 Days	8 Days	8-12 Days	7-10 Days

UPS Logistics Time: Country or Region of Departure: China's Mainland

Country of Destination	Estimated Arrival Time	Country of Destination	Estimated Arrival Time	Country of Destination	Estimated Arrival Time
Japan	3 Days	UK	5-7Days	Egypt	5-7 Days
Turkey	5-7 Days	Singapore	3 Days	Switzerland	5-7 Days
Bahrain	5-7 Days	Latvia	7-10 Days	New Zealand	7-10 Days
Sri Lanka	5-7 Days	Thailand	3 Days	Austria	5-7 Days
Romania	5-7 Days	Vietnam	3-5 Days	Estonia	5-7 Days
Malaysia	3-5 Days	Israel	5-7 Days	Mexico	7-10 Days
France	5-7 Days	America	5-7 Days	United Arab Emirates	5-7 Days
Italy	5-7 Days	Netherlands	5-7 Days	Bengal	7-10 Days
Lebanon	5-7 Days	Philippine	3-5 Days	Greece	7-10 Days
South Korea	3 Days	Spain	5-7 Days	Myanmar	5-7 Days
Canada	5-7 Days	Germany	5-7 Days	Saudi Arabia	7-10 Days
Portugal	5-7 Days	Australia	5-7 Days	South Africa	7-10 Days
Denmark	5-7 Days	Belgium	5-7 Days	Ukraine	7-10 Days
India	7-10 Days	Qatar	7-10 Days	Poland	5-7 Days
Indonesia	3-5 Days	Morocco	7-10 Days	Pakistan	7-10 Days

Kuwait	7-10 Days	/	/	/	/
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⚠ The logistics time is for reference only , subjects are according to the actual arrival.

3.7. 109-3743 Injector Nozzle Nut Packing

Domestic express packaging: Usually wrapped in waterproof scotch tape, such as picture No.1.

International express packaging: Wrapped with waterproof yellow tape After wrapping the black protective film, such as picture No. 2.

Pallet Shipping: Use fumigation free and recycling trays that meet export requirements, and use white wrapping protective film to wrap and bind with cable ties for the outside, such as picture No. 3, also, the products can be packaged according to customers' requirements.

⚠ The packing tray is made of plastic and can be recycled.

⚠ Transparent tape, yellow tape, black wrapping protective film, white wrapping protective film are non-degradable materials, please dispose of them properly.

⚠ Minors are prohibited from using transparent tape, yellow tape, black wrapping protective film, and white wrapping protective film to avoid personal injury.

No.	1	2	3
Image			
Name	Domestic Express Packaging	International Express Packaging	Pallet Shipping
Description	Wrapped by transparent tape	Wrapped with yellow tape after wrapping black protective film	Use pallet that meet export requirements, and use white wrapping protective film to wrap and bind with cable ties

4. 109-3743 Injector Nozzle Nut Storage Standard

(1) Choose a suitable storage place

The warehouse and cargo yard where the injector nozzle nut is stored should be kept clean and dry, and away from the factory buildings that generate harmful gases and dust; do not mix with acids, alkali, salts and other substances; the storage place should have a good drainage system; the cargo yard should be flattened with gravel or furnace ash etc. to enhance the water permeability of the surface layer to keep the reservoir area dry.

(2) Strict requirements of warehousing

Strict inspections should be carried out when the injector nozzle nut are put into storage, the surface cleaning work should be done well to remove water traces, oil stains, ash and other dirt, remove the rust and do anti-rust treatment in time. Packaged injectors must be protected from damage.

(3) Keep the warehouse dry and preventing moisture

The relative humidity is usually below 70% for the injector nozzle nut placed in the room, and the corrosion of the injector nozzle nut are significantly reduced.

Injector nozzle nut must be stored in the warehouse, and they are forbidden to store in the same warehouse with commodities with high water content.

(4) Stack Properly

After the injector nozzle nut is exposed to rain, the corrosion rate will increase significantly. The purpose of sealing is to isolate the injector nozzle nut from rainwater and humid air, so the warehouse window should be checked in time to avoid rainwater entering the warehouse

If the injector nozzle nut package is damaged, it should be repaired or replaced; when the package is damp, the packaging material should be dried; if the original anti-corrosion and oil applied at the factory is found to be damaged or dried up, it should be cleaned and re-applied oil in time.



It is forbidden to leave the injector nozzle nut exposed in the air for a long time.



It is forbidden to store acid, alkali, salt and other substances together with the injector nozzle nut.



The unpacked injector nozzle nut must be rust-proof during secondary storage.

5. Company Information**5.1. Company Introduction**

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Email : ruby@shumatt.com

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Tel: +8675523215133

Website : www.shumatt.com



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 **Telephone:** +86-755-23215133

 **Email:** ruby@shumatt.com

 **Website:** www.shumatt.com

 **Shenzhen Office:** 11-12, Floor 14, Building 13, Qinchengda Building, Exit A, Honglang North Subway Station, Bao'an District, Shenzhen, China's Mainland

 **Shenzhen Office:** Exit C, Qiao Touxu Metro Station, NO. 66 Chongqing Road, Fuhai Avenue, Bao'an District, Shenzhen, China Mainland

 **Hong Kong Office:** Jianfa Street Industrial Zone, Tuen Mun, New Territories, Hong Kong, China

 **After-sales Service Address:** Please contact our salesmen to obtain and provide the corresponding product maintenance reasons (Reference: [1.7. 109-3743 Injector Nozzle Nut Warranty Instructions](#))

5.2. Salesmen's Contact Information

No.	Name	WeChat/WhatsApp	Email
1	Ruby	+86-13410541523	ruby@shumatt.com
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Visit http://shumatt.com to obtain the latest information of salesmen			
PS: Shumatt's sales men's emails are all end with @shumatt.com			

6. Copyright Statement

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