

109-2172 Injector Oil Buffer Orifice Technical File

SKU: G1K30000C7C912



109-2172 Injector Oil Buffer Orifice Technical File

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1. 109-2172 Injector Oil Buffer Orifice Introduction

1.1. 109-2172 Injector Oil Buffer Orifice Basic Information

Title	109-2172 Injector Oil Buffer Orifice	Quality
SKU	G1K30000C7C912	China Made New

1.2. 109-2172 Injector Oil Buffer Orifice Common Part Number

(1) Injector Oil Buffer Orifice Applicable Injector Model

Injector Part Number	Replacement Part Number	OEM
/	/	/

(2) Injector Oil Buffer Orifice Application Information

Vehicle/Equipment (Initial Part Install)	Manufacturer
/	/

(3) Injector Oil Buffer Orifice Part Number Common Writing

109-2172

1.3. 109-2172 Injector Oil Buffer Orifice Specifications and Dimensions

Injector Oil Buffer Orifice Size : /

Injector Oil Buffer Orifice Net Weight : 22g

Injector Oil Buffer Orifice Size : 14cm *7cm *3cm

Injector Oil Buffer Orifice Weight : 110g

Injector Oil Buffer Orifice Quality : China Made New

Injector Oil Buffer Orifice MOQ : 1pcs

1.4. 109-2172 Injector Oil Buffer Orifice Quality Control

(1) Injector Oil Buffer Orifice Testing

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

(2) Injector Oil Buffer Orifice Inspection

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

(3) Injector Oil Buffer Orifice Assembling

For the quality control of injector oil buffer orifice 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 oil buffer orifice.

1.5. 109-2172 Injector Oil Buffer Orifice Customized Service

(1) **Injector Oil Buffer Orifice Customized Service:** Meet the customized needs of OEM manufacturers for shell lettering, logo engraving, oil buffer orifice nut internal packaging, injector oil buffer orifice external packaging and labels customized, etc.

(2) **Injector Oil Buffer Orifice Customized Service Requirements:**

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

Custom injector oil buffer orifice cap barrels: MOQ: **2,000 – 3,000 pcs.**

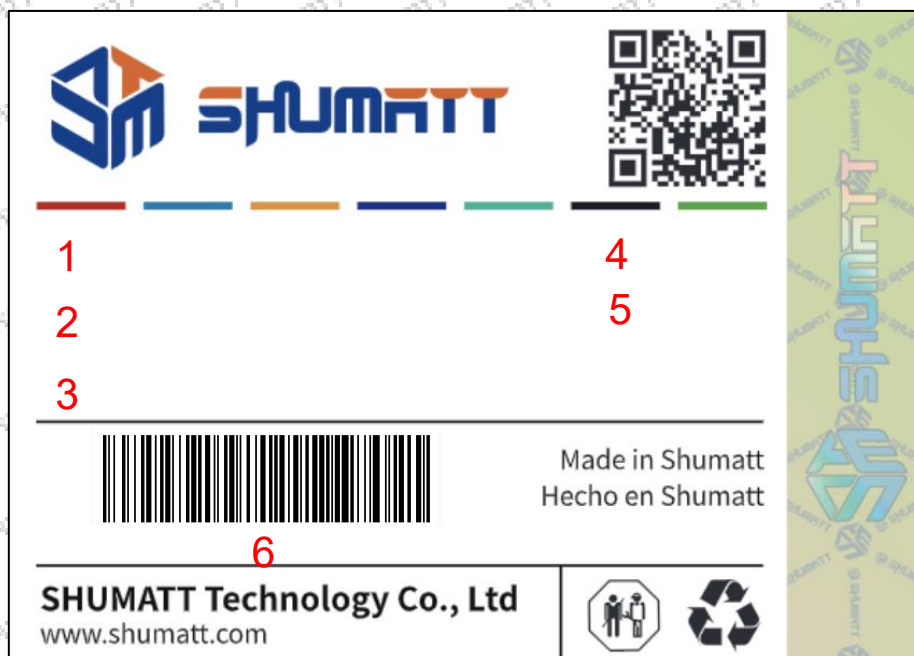
Custom packaging boxes for oil buffer orifices: MOQ: **1,000 boxes.**

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 oil buffer orifice is sold, it cannot be returned or exchanged if there is no quality problems.**

(3) **Injector Oil Buffer Orifice Label Printing Format Requirements:**

Injector Oil Buffer Orifice Label Information



No.	Description	Specification
1	Oil Buffer Orifice Marking No.	109-2172
2	Oil Buffer Orifice Order No.	/
3	Applicable Injector	/
4	Packing Quantity	1cs
5	Series	C7/C9
6	SKU Code	G1K30000C7C912

1.6. 109-2172 Injector Oil Buffer Orifice Packing List and Package Size

(1) Injector Oil Buffer Orifice Spare Parts List

No.	1	2	3
Image			
Name	Injector Oil Buffer Orifice	Blue Anti-Rust Bag	Specification
Description	Injector Oil Buffer Orifice Part Number: 109-2172	Prevents Rust on Injector Oil Buffer Orifice	Thickness 1.2 mm

⚠ Keep the injector oil buffer orifice, storage container, and packaging box out of reach of children to prevent injury.

⚠ The injector oil buffer orifice packaging box is reusable; the components are not reusable.

⚠ The injector oil buffer orifice nut container is made of non-biodegradable material. Dispose of it properly after use.

1.7. 109-2172 Injector Oil Buffer Orifice Warranty Instructions

(1) Product Warranty Conditions and Instructions

It is necessary to provide pictures, videos, or test reports detected by the injector oil buffer orifice inspection equipment when the injector injector oil buffer orifice 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 Oil Buffer Orifice Warranty Coverage

If a performance failure occurs within 15 days of receiving the injector oil buffer orifice 109-2172, and the product is not visually damaged, the customer may choose to exchange it.

If a performance problem occurs with the injector oil buffer orifice 109-2172 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 Oil Buffer Orifice Out of Warranty Coverage

① The warranty period has expired and is not covered.

② Injector oil buffer orifice failure caused by high temperature, high pressure, humidity, rain, snow, saline-alkali soil, earthquakes, or abnormal environments.

③ Injector oil buffer orifice nut damage caused by human error (dropping, magnetization by a strong

magnetic field, arson).

- ④ Injector oil buffer orifice failure or damage caused by issues other than the injector oil buffer orifice's design, technology, manufacturing, or quality.
- ⑤ Injector oil buffer orifice failure caused by system voltage exceeding the approved voltage.
- ⑥ Injector oil buffer orifice failure caused by impurities (water, lead, aluminum powder, iron powder, sulfide) in the system fuel exceeding the standard requirements.
- ⑦ Injector oil buffer orifice failure caused by installation not following the tightening torque specified in the vehicle's engine maintenance manual (excessive or insufficient tightening torque).
- ⑧ Injector oil buffer orifice 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. 109-2172 Injector Oil Buffer Orifice Manufacturer

Injector Oil Buffer Orifice Manufacturer: Shenzhen Shumatt Technology Co., Ltd

2. 109-2172 Injector Oil Buffer Orifice Technical Support

2.1. 109-2172 Injector Oil Buffer Orifice Clean

(1) Before installation, the injector oil buffer orifice 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 oil buffer orifice after cleaning, ensuring it meets the usage standards.

2.2. 109-2172 Injector Oil Buffer Orifice Causes of Being Damaged

(1) Injector oil buffer orifice failure due to impurities (water, lead, aluminum powder, iron powder, sulfides) in the fuel exceeding standard requirements.

(2) Normal wear of the oil buffer orifice due to prolonged high-temperature operation.

(3) Wear of the oil buffer orifice needle causing blockage of the oil orifice, resulting in insufficient fuel injection and inability of the injector to function properly.

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

⚠ Wear of the oil buffer orifice causes increased fuel injection, leading to black smoke from the vehicle, and in severe cases, inability of the injector to function properly.

⚠ If the oil buffer orifice needle cannot be stably... Stuck motion can severely damage the injector oil buffer orifice.

- ⚠ Rust on the oil buffer orifice spring can lead to spring breakage, causing black smoke from the vehicle.
- ⚠ Wearing of the oil buffer orifice spring adjusting shim reduces the opening pressure of the oil buffer orifice, increasing the fuel injection volume and causing black smoke; in severe cases, it can prevent the injector from functioning properly.
- ⚠ Wearing of the oil buffer orifice needle valve lift adjusting shim increases the needle valve stroke of the oil buffer orifice, 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 oil buffer orifice head to crack.

2.3. 109-2172 Injector Oil Buffer Orifice Technical Support Obtaining Methods

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

(2) Injector Oil Buffer Orifice 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/UCByvYBx7VjV_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 Oil Buffer Orifice 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 Oil Buffer Orifice Test Data Through Truck Book Parts EPC APP.

3. 109-2172 Injector Oil Buffer Orifice Purchase and Delivery

3.1. 109-2172 Injector Oil Buffer Orifice Purchase Payment Term

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

⚠ Please contact our salesmen for specific payment information.

3.2. 109-2172 Injector Oil Buffer Orifice Main Sales Markets

Injector oil buffer orifice main sales markets: Asia, Europe, North America, South America, Africa etc.

3.3. 109-2172 Injector Oil Buffer Orifice 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. 109-2172 Injector Oil Buffer Orifice 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. 109-2172 Injector Oil Buffer Orifice Lead time

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

3.6. 109-2172 Injector Oil Buffer Orifice 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	/	/	/	/



The logistics time is for reference only , subjects are according to the actual arrival.

3.7. 109-2172 Injector Oil Buffer Orifice 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. 109-2172 Injector Oil Buffer Orifice Storage Standard

(1) Choose a suitable storage place

The warehouse and cargo yard where the injector oil buffer orifice 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 oil buffer orifice 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 oil buffer orifice placed in the room, and the corrosion of the injector oil buffer orifice are significantly reduced.

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

If the injector oil buffer orifice 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 oil buffer orifice exposed in the air for a long time.



It is forbidden to store acid, alkali, salt and other substances together with the injector oil buffer orifice.



The unpacked injector oil buffer orifice must be rust-proof during secondary storage.

5. Company Information



Office Locations



Global Exhibitions

5.1. Company Introduction

Chinese Name: 深圳市舒马特科技有限公司

English Name: Shenzhen Shumatt Technology Co., Ltd



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 **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. 109-2172 Injector Oil Buffer Orifice Warranty Instructions](#))

5.2. Salesmen's Contact Information

No.	Name	WeChat/WhatsApp	Email
1	Ruby	+86-13410541523	ruby@shumatt.com
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PS: Shumatt's salesmen's emails are all end with @shumatt.com			

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