

109-2342 Nozzle Needle Valve Lift Adjustment Shim Technical File

SKU: W1000K2K00C7C9D



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109-2342 Nozzle Needle Valve Lift Adjustment Shim Technical File**1. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Introduction****1.1. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Basic Information**

Title	109-2342 Nozzle Needle Valve Lift Adjustment Shim	Quality
SKU	W1000K2K00C7C9D	China Made New

1.2. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Common Part Number**(1) Nozzle Needle Valve Lift Adjustment Shim Applicable Injector Model**

Injector Part Number	Replacement Part Number	OEM
459-8473	10R-7222	/

(2) Nozzle Needle Valve Lift Adjustment Shim Application Information

Vehicle/Equipment (Initial Part Install)	Manufacturer
/	/

(3) Nozzle Needle Valve Lift Adjustment Shim Part Number Common Writing

109-2342

1.3. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Specifications and Dimensions

Nozzle Needle Valve Lift Adjustment Shim Size : /

Nozzle Needle Valve Lift Adjustment Shim Net Weight : /

Nozzle Needle Valve Lift Adjustment Shim Package Size : 28cm *9cm *4cm

Nozzle Needle Valve Lift Adjustment Shim Package Weight : 150g

Nozzle Needle Valve Lift Adjustment Shim Quality : China Made New

Nozzle Needle Valve Lift Adjustment Shim MOQ : 50pcs

1.4. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Quality Control**(1) Nozzle Needle Valve Lift Adjustment Shim Testing**

All nozzle needle valve lift adjustment shim spare parts are tested for electrical characteristics, accuracy, high temperature, low temperature, withstand voltage, leakage, durability, and various working conditions.

(2) Nozzle Needle Valve Lift Adjustment Shim Inspection

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

(3) Nozzle Needle Valve Lift Adjustment Shim Assembling

For the quality control of nozzle needle valve lift adjustment shim 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 nozzle needle valve lift adjustment shim.

1.5. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Customized Service

(1) Nozzle Needle Valve Lift Adjustment Shim Customized Service: Meet the customized needs of OEM manufacturers for shell lettering, logo engraving, nozzle needle valve lift adjustment shim internal packaging, nozzle needle valve lift adjustment shim external packaging and labels customized, etc.

(2) Nozzle Needle Valve Lift Adjustment Shim 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**.

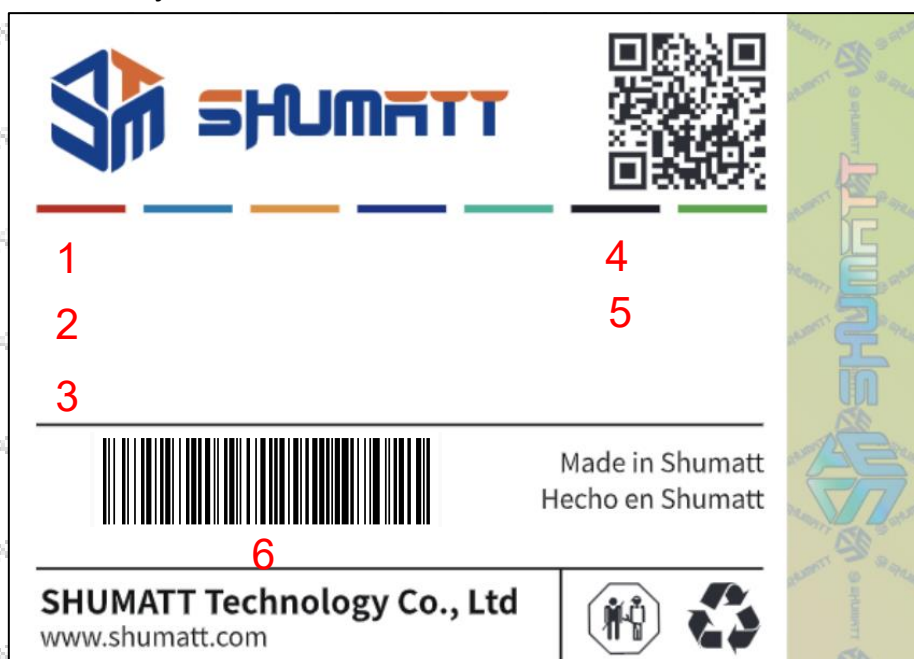
Custom packaging boxes for nozzle caps: MOQ: **1,000 boxes**.

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 nozzle needle valve lift adjustment shim is sold, it cannot be returned or exchanged if there is no quality problems.

(3) Nozzle Needle Valve Lift Adjustment Shim Label Printing Format Requirements:

Nozzle Needle Valve Lift Adjustment Shim Information



No.	Description	Specification
1	Nozzle Needle Valve Lift Adjustment Shim Marking No.	109-2342
2	Nozzle Needle Valve Lift Adjustment Shim Order No.	/
3	Applicable Injector	For: 459-8473
4	Packing Quantity	50Pcs
5	Series	C7/C9/C-9
6	SKU Code	W1000K2K00C7C9D

1.6. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Packing List and Package Size

Mob/WhatsApp: +86 13410541523

Email : ruby@shumatt.com

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Tel: +8675523215133

Website : www.shumatt.com

(1) Nozzle Needle Valve Lift Adjustment Shim Spare Parts List

No.	1	2	3
Image			
Name	Nozzle Needle Valve Lift Adjustment Shim	Nozzle Needle Valve Lift Adjustment Shim Specifications	Nozzle Needle Valve Lift Adjustment Shim Package Box
Description	Nozzle Needle Valve Lift Adjustment Shim Part Number: 109-2342	Thickness: 6.6 – 6.8 mm Precision: 0.02 mm per increment	Install the fuel injector needle valve lift adjustment shim.

⚠ Keep the nozzle needle valve lift adjustment shim assembly, storage container, and packaging box out of reach of children to prevent injury.

⚠ The nozzle needle valve lift adjustment shim packaging box is reusable; the components are not reusable.

⚠ The nozzle needle valve lift adjustment shim container is made of non-biodegradable material. Dispose of it properly after use.

1.7. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Warranty Instructions

(1) Product Warranty Conditions and Instructions

It is necessary to provide pictures, videos, or test reports detected by the nozzle needle valve lift adjustment shim inspection equipment when the nozzle needle valve lift adjustment shim 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) Nozzle Needle Valve Lift Adjustment Shim Warranty Coverage

If a performance failure occurs within 15 days of receiving the nozzle needle valve lift adjustment shim 109-2342, and the product is not visually damaged, the customer may choose to exchange it.

If a performance problem occurs with the nozzle needle valve lift adjustment shim 109-2342 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) Nozzle Needle Valve Lift Adjustment Shim Out of Warranty Coverage

① The warranty period has expired and is not covered.

② Nozzle needle valve lift adjustment shim failure caused by high temperature, high pressure, humidity, rain, snow, saline-alkali soil, earthquakes, or abnormal environments.

- ③ Nozzle needle valve lift adjustment shim damage caused by human error (dropping, magnetization by a strong magnetic field, arson).
- ④ Nozzle needle valve lift adjustment shim failure or damage caused by issues other than the injector nozzle needle valve lift adjustment shim's design, technology, manufacturing, or quality.
- ⑤ Nozzle needle valve lift adjustment shim failure caused by system voltage exceeding the approved voltage.
- ⑥ Nozzle needle valve lift adjustment shim failure caused by impurities (water, lead, aluminum powder, iron powder, sulfide) in the system fuel exceeding the standard requirements.
- ⑦ Nozzle needle valve lift adjustment shim failure caused by installation not following the tightening torque specified in the vehicle's engine maintenance manual (excessive or insufficient tightening torque).
- ⑧ Nozzle needle valve lift adjustment shim 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. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Manufacturer

Nozzle Needle Valve Lift Adjustment Shim Manufacturer: Shenzhen Shumatt Technology Co., Ltd

2. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Technical Support

2.1. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Clean

(1) Before installation, the air gap adjusting shim 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. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Causes of Being Damaged

(1) Nozzle needle valve lift adjustment shim failure due to impurities (water, lead, aluminum powder, iron powder, sulfides) in the fuel exceeding standard requirements.s

(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 109-2342 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 air gap adjusting shim.

- ⚠ 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. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Technical Support Obtaining Methods

- (1) Nozzle Needle Valve Lift Adjustment Shim Technical File , visit <http://shumatt.com> to get the technical file.
- (2) Nozzle Needle Valve Lift Adjustment Shim 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) Nozzle Needle Valve Lift Adjustment Shim 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 Nozzle Needle Valve Lift Adjustment Shim Test Data Through Truck Book Parts EPC APP.

3. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Purchase and Delivery

3.1. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Purchase Payment Term

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

- ⚠ Please contact our salesmen for specific payment information.

3.2. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Main Sales Markets

Nozzle needle valve lift adjustment shim main sales markets: Asia, Europe, North America, South America, Africa etc.

3.3. 109-2342 Nozzle Needle Valve Lift Adjustment Shim 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. 109-2342 Nozzle Needle Valve Lift Adjustment Shim 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. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Lead time

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

3.6. 109-2342 Nozzle Needle Valve Lift Adjustment Shim 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. 109-2342 Nozzle Needle Valve Lift Adjustment Shim 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. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Storage Standard

(1) Choose a suitable storage place

The warehouse and cargo yard where the air gap adjusting shim 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 air gap adjusting shim 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 air gap adjusting shim placed in the room, and the corrosion of the air gap adjusting shim are significantly reduced.

Nozzle needle valve lift adjustment shim 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 nozzle needle valve lift adjustment shim is exposed to rain, the corrosion rate will increase significantly. The purpose of sealing is to isolate the nozzle needle valve lift adjustment shim from rainwater and humid air, so the warehouse window should be checked in time to avoid rainwater entering the warehouse

If the nozzle needle valve lift adjustment shim 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 nozzle needle valve lift adjustment shim exposed in the air for a long time.

⚠ It is forbidden to store acid, alkali, salt and other substances together with the nozzle needle valve lift adjustment shim.

⚠ The unpacked nozzle needle valve lift adjustment shim must be rust-proof during secondary storage.

5. Company Information



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

 **Mob Phone/WeChat:** +86-13410541523

 **HK Telephone:** +852-67653519

 **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. 109-2342 Nozzle Needle Valve Lift Adjustment Shim Warranty Instructions](#))

5.2. Salesmen's Contact Information

No.	Name	WeChat/WhatsApp	Email
1	Ruby	+86-13410541523	ruby@shumatt.com
2	Ivy	+86-18025299821	sales@shumatt.com
3	Rebecca	+86-18025349821	sales01@shumatt.com
4	Janny	+86-18028749821	sales02@shumatt.com
5	Sam	+86-13316859821	Sales8@shumatt.com
6	Natalie	+86- 18938945856	sales15@shumatt.com
7	Ada	+86-1342286353	sales5@shumatt.com
8	Hison Li	+86-18318811871	web@shumatt.com
9	Mecca	+86-18938948618	sales11@shumatt.com
10	Eric	+86 18319033618	sales3@shumatt.com
11	Wayne (Joaquín en español)	+86-13316959821	wayne@shumatt.com
12	Sylvia	+86 18312499884	sales6@shumatt.com
Visit http://shumatt.com to obtain the latest information of salesmen			
PS: Shumatt's sales men's emails are all end with @shumatt.com			

Mob/WhatsApp: +86 13410541523

Email : ruby@shumatt.com

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Tel: +8675523215133

Website : www.shumatt.com

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