

109-3012 Injector Check Valve Assembly Technical File

SKU: G1B40C7C9DXFZJ



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109-3012 Injector Check Valve Assembly Technical File

1. 109-3012 Injector Check Valve Assembly Introduction

1.1. 109-3012 Injector Check Valve Assembly Basic Information

Title	109-3012 Injector Check Valve Assembly	Quality
SKU	G1B40C7C9DXFZJ	China Made New

1.2. 109-3012 Injector Check Valve Assembly Common Part Number

(1) Injector Check Valve Assembly Applicable Injector Model

Injector Part Number	Replacement Part Number	OEM
241-3239	10R-7225	/

(2) Injector Check Valve Assembly Application Information

Vehicle/Equipment (Initial Part Install)	Manufacturer
/	/

(3) Injector Check Valve Assembly Part Number Common Writing

219-2342

1.3. 109-3012 Injector Check Valve Assembly Specifications and Dimensions

Injector Check Valve Assembly Size : /

Injector Check Valve Assembly Net Weight : /

Injector Check Valve Assembly with Package Size : /

Injector Check Valve Assembly with Package Weight : 390g

Injector Check Valve Assembly Quality : China Made New

Injector Check Valve Assembly MOQ : 1spcs

1.4. 109-3012 Injector Check Valve Assembly Quality Control

(1) Injector Check Valve Assembly Testing

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

(2) Injector Check Valve Assembly Inspection

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

(3) Injector Check Valve Assembly Assembling

For the quality control of injector check valve assembly 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 check valve assembly.

1.5. 109-3012 Injector Check Valve Assembly Customized Service

(1) Injector Check Valve Assembly Customized Service: Meet the customized needs of OEM manufacturers for shell lettering, logo engraving, injector check valve assembly internal packaging, injector check valve assembly external packaging and labels customized, etc.

(2) Injector Check Valve Assembly 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 check valve assembly is sold, it cannot be returned or exchanged if there is no quality problems.**

(3) Injector Check Valve Assembly Label Printing Format Requirements:

Nozzle Cap Label Information



No.	Description	Specification
1	Check Valve Assembly Marking No.	109-3012
2	Check Valve Assembly Order No.	/
3	Applicable Fuel Injector	For: 241-3239
4	Packing Quantity	1cs
5	Series	C7/C9
6	SKU Code	G1B40C7C9DXFZJ

1.6. 109-3012 Injector Check Valve Assembly Packing List and Package Size

(1) Injector Check Valve Assembly Spare Parts List

No.	1	2	3
Image			
Name	Injector Check Valve Assembly	Blue Anti-Rust Bag	Packaging Box
Description	Injector Check Valve Assembly Part No: 109-3021	Prevents rust on the injector check valve assembly	Protects the injector check valve assembly

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

⚠ The check valve assembly container is made of non-biodegradable material. Dispose of it properly after use.

1.7. 109-3012 Injector Check Valve Assembly Warranty Instructions

(1) Product Warranty Conditions and Instructions

It is necessary to provide pictures, videos, or test reports detected by the injector check valve assembly inspection equipment when the injector check valve assembly 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 Check Valve Assembly Warranty Coverage

If a performance failure occurs within 15 days of receiving the injector check valve assembly 109-3012, and the product is not visually damaged, the customer may choose to exchange it.

If a performance problem occurs with the injector check valve assembly 109-3012 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 Check Valve Assembly Out of Warranty Coverage

- ① The warranty period has expired and is not covered.
- ② Injector check valve assembly failure caused by high temperature, high pressure, humidity, rain, snow, saline-alkali soil, earthquakes, or abnormal environments.
- ③ Injector check valve assembly damage caused by human error (dropping, magnetization by a strong magnetic field, arson).
- ④ Injector check valve assembly failure or damage caused by issues other than the injector injector check valve assembly's design, technology, manufacturing, or quality.

- ⑤ Injector check valve assembly failure caused by system voltage exceeding the approved voltage.
- ⑥ Injector check valve assembly failure caused by impurities (water, lead, aluminum powder, iron powder, sulfide) in the system fuel exceeding the standard requirements.
- ⑦ Injector check valve assembly failure caused by installation not following the tightening torque specified in the vehicle's engine maintenance manual (excessive or insufficient tightening torque).
- ⑧ Injector check valve assembly 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. 109-3012 Injector Check Valve Assembly Manufacturer

Injector Check Valve Assembly Manufacturer: Shenzhen Shumatt Technology Co., Ltd

2. 109-3012 Injector Check Valve Assembly Technical Support

2.1. 109-3012 Injector Check Valve Assembly Clean

(1) Before installation, the injector check valve assembly 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 check valve assembly after cleaning, ensuring it meets the usage standards.

2.2. 109-3012 Injector Check Valve Assembly Causes of Being Damaged

(1) Injector check valve assembly failure due to impurities (water, lead, aluminum powder, iron powder, sulfides) in the fuel exceeding standard requirements.

(2) Normal wear of the check valve assembly due to prolonged high-temperature operation.

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

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

⚠ Wear of the check valve assembly 109-3012 causes increased fuel injection, leading to black smoke from the vehicle, and in severe cases, inability of the injector to function properly.

⚠ If the check valve assembly needle cannot be stably... Stuck motion can severely damage the injector check valve assembly.

⚠ Rust on the check valve assembly spring can lead to spring breakage, causing black smoke from the vehicle.

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

⚠ Wearing of the check valve assembly needle valve lift adjusting shim increases the needle valve stroke of the check valve assembly, 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 check valve assembly head to crack.

2.3. 109-3012 Injector Check Valve Assembly Technical Support Obtaining Methods

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

(2) Injector Check Valve Assembly 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 check valve assembly 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 check valve assembly Test Data Through Truck Book Parts EPC APP.

3. 109-3012 Injector Check Valve Assembly Purchase and Delivery

3.1. 109-3012 Injector Check Valve Assembly Purchase Payment Term

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

⚠ Please contact our salesmen for specific payment information.

3.2. 109-3012 Injector Check Valve Assembly Main Sales Markets

Injector check valve assembly main sales markets: Asia, Europe, North America, South America, Africa etc.

3.3. 109-3012 Injector Check Valve Assembly 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. 109-3012 Injector Check Valve Assembly 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. 109-3012 Injector Check Valve Assembly Lead time

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

3.6. 109-3012 Injector Check Valve Assembly 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. 109-3012 Injector Check Valve Assembly 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. 109-3012 Injector Check Valve Assembly Storage Standard

(1) Choose a suitable storage place

The warehouse and cargo yard where the injector check valve assembly 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 check valve assembly 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 check valve assembly placed in the room, and the corrosion of the injector check valve assembly are significantly reduced.

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

If the injector check valve assembly 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 check valve assembly exposed in the air for a long time.



It is forbidden to store acid, alkali, salt and other substances together with the injector check valve assembly.



The unpacked injector check valve assembly 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. 109-3012 Injector Check Valve Assembly Warranty Instructions](#))

5.2. Salesmen's Contact Information

No.	Name	WeChat/WhatsApp	Email
1	Ruby	+86-13410541523	ruby@shumatt.com
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5	Sam	+86-13316859821	Sales8@shumatt.com
6	Natalie	+86- 18938945856	sales15@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			

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