

219-2102 Injector Oil Booster Valve Technical File

SKU1: G1L310002192102

SKU2: G1X80002192102

SKU3: G1K30002192102

SKU4: G1B400CG9ZYFTC

SKU5: G1T23190012K2K



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219-2102 Injector Oil Booster Valve Technical File**1. 219-2102 Injector Oil Booster Valve Introduction****1.1. 219-2102 Injector Oil Booster Valve Basic Information**

Title	219-2102 Injector Oil Booster Valve	Quality
SKU1	G1L310002192102	China Made New
SKU2	G1X80002192102	China Made New
SKU3	G1K30002192102	China Made New
SKU4	G1B400CG9ZYFTC	China Made New
SKU5	G1T23190012K2K	China Made New

1.2. 219-2102 Injector Oil Booster Valve Common Part Number**(1) Injector Oil Booster Valve Exchange Information**

Injector Part Number	Replacement Part Number	OEM
236-0962	10R-7224	/

(2) Injector Oil Booster Valve Application Information

Vehicle/Equipment (Initial Part Install)	Manufacturer
/	/

(3) Injector Oil Booster Valve Common Writing

219-2102

1.3. 219-2102 Injector Oil Booster Valve Specifications And DimensionsInjector Oil Booster Valve Size: **4cm* 3cm *3cm**Injector Oil Booster Valve Net Weight: **80g**Injector Oil Booster Valve Package Weight: **150g**Injector Oil Booster Valve Package Size: **6cm* 4cm *4cm**Injector Oil Booster Valve Quality: **China Made New**Injector Oil Booster Valve MOQ: **1 Pieces****1.4. 219-2102 Injector Oil Booster Valve Quality Control****(1) Injector Oil Booster Valve Testing**

All injector oil booster valve parts are tested for electrical characteristics, accuracy, high temperature, low temperature, pressure resistance, leakage, durability, and various working conditions.

(2) Injector Oil Booster Valve Assembling

In addition, the injector oil booster valve production and installation process quality control, our company strictly follows the standard product installation data and product installation steps for

installation, such as injector oil booster valve stroke test, injector oil booster valve tightening torque.

(3) Injector Oil Booster Valve Inspection

The injector oil booster valve factory inspection is tested three times: full inspection, random inspection, and batch inspection. The injector oil booster valve factory inspection will use different brands of test benches to test the same injector oil booster valve for a total of no less than three times. The injector oil booster valve installation and testing environment is completed in a dust-free workshop.

1.5. 219-2102 Injector Oil Booster Valve Customized Service

(1) Injector Oil Booster Valve Customized Service Coverage: Meet the customized needs of OEM manufacturers for shell lettering, logo engraving, injector oil booster valve internal packaging, injector oil booster valve external packaging and labels customized, etc.



Injector Oil Booster Valve Engrave

(2) Injector Oil Booster Valve Customized Service Requirements:

Custom engraved or unengraved oil booster valve: Minimum order quantity (MOQ): **100 pcs.**

Custom injector oil booster valve cap barrels: MOQ: **2,000 – 3,000 pcs.**

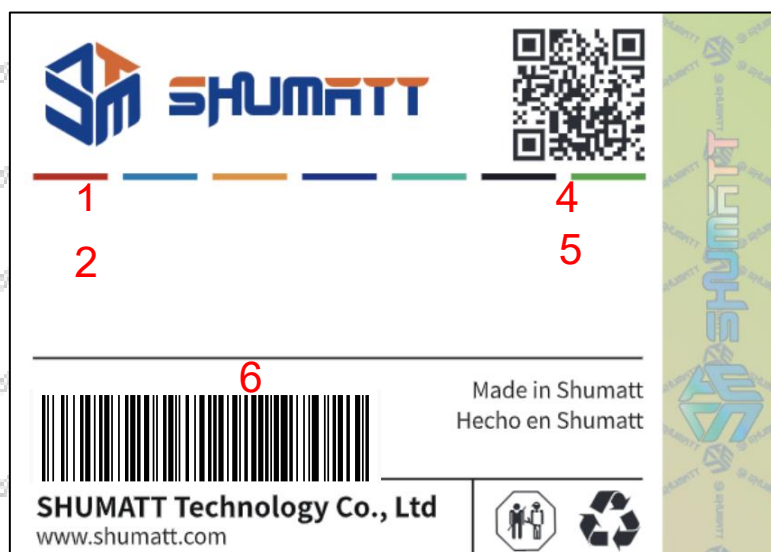
Custom packaging boxes for oil booster valve caps: MOQ: **1,000 boxes.**

For customized products involve the need of specify logo, the OEM manufacturer needs to provide trademark authorization and the sample of logo image file.

▲ Once the customized injector oil booster valve is sold, it cannot be returned or exchanged if there are no quality problems.

(3) Injector Oil Booster Label Printing Format Requirements:

Injector Oil Booster Label Information



No.	Description	Specification
1	Injector Oil Booster Valve Marking No.	219-2102
2	Injector Oil Booster Valve Order No.	/
3	Applicable Injector	For: 236-0962
4	Packing Quantity	1 Pcs
5	Series	C-9
6	SKU Code	G1T23190012K2K

1.6. 219-2102 Injector Oil Booster Valve Packing List and Package Size

(1) Injector Oil Booster Valve Spare Parts List

No.	1	2	3
Image			
Name	Injector Oil Booster Valve Assembly	Injector Oil Booster Valve Packaging Box	Plastic Bucket
Description	Injector Oil Booster Valve Assembly Number: 219-2102	Install the oil pressure booster valve of the fuel injector	Install the oil pressure booster valve of the fuel injector

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

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

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

1.7. 219-2102 Injector Oil Booster Valve Warranty Instructions

(1) Product Warranty Conditions and Instructions

It is necessary to provide pictures, videos, or test reports detected by the injector oil booster valve inspection equipment when the injector oil booster valve 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 Booster Valve Warranty Coverage

If a performance failure occurs within 15 days of receiving the injector oil booster valve 219-2102, and the product is not visually damaged, the customer may choose to exchange it.

If a performance problem occurs with the injector oil booster valve 219-2102 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 Booster Valve Out of Warranty Coverage

- ① The warranty period has expired and is not covered.
- ② Injector oil booster valve failure caused by high temperature, high pressure, humidity, rain, snow, saline-alkali soil, earthquakes, or abnormal environments.
- ③ Injector oil booster valve damage caused by human error (dropping, magnetization by a strong magnetic field, arson).
- ④ Injector oil booster valve failure or damage caused by issues other than the injector oil booster valve's design, technology, manufacturing, or quality.
- ⑤ Injector oil booster valve failure caused by system voltage exceeding the approved voltage.
- ⑥ Injector oil booster valve failure caused by impurities (water, lead, aluminum powder, iron powder, sulfide) in the system fuel exceeding the standard requirements.
- ⑦ Injector oil booster valve 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 booster valve 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. 219-2102 Injector Oil Booster Valve Manufacturer

Injector Oil Booster Valve Manufacturer: Shenzhen Shumatt Technology Co., Ltd

2. 219-2102 Injector Oil Booster Valve Technical Support

2.1. 219-2102 Injector Oil Booster Valve Clean

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

2.2. 219-2102 Injector Oil Booster Valve Causes of Being Damaged

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

injection and inability of the injector to function properly.

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

⚠ Wear of the oil booster valve nozzle 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 booster valve needle cannot be stably... Stuck motion can severely damage the injector oil booster valve.

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

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

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

2.3. **219-2102 Injector Oil Booster Valve Technical Support Obtaining Methods**

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

(2) Injector Oil Booster Valve 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 Booster Valve 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 Booster Valve Test Data Through Truck Book Parts EPC APP.

3. **219-2102 Injector Oil Booster Valve Purchase and Delivery**

3.1. **219-2102 Injector Oil Booster Valve Purchase Payment Term**

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

⚠ Please contact our salesmen for specific payment information.

3.2. 219-2102 Injector Oil Booster Valve Main Sales Markets

Injector Oil Booster Valve Main Sales Markets: Asia, Europe, North America, South America, Africa etc.

3.3. 219-2102 Injector Oil Booster Valve 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. 219-2102 Injector Oil Booster Valve 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. 219-2102 Injector Oil Booster Valve Lead Time

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

3.6. 219-2102 Injector Oil Booster Valve 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 and is subject to the actual arrival.

3.7. 219-2102 Injector Oil Booster Valve 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. 219-2102 Injector Oil Booster Valve Storage Standard

(1) Choose a Suitable Storage Place

The warehouse and cargo yard where the injector oil booster valve 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, salt, 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 booster valves are put into storage, the surface cleaning work should be done well to remove water traces, fuel stains, ashes, and other dirt, remove the rust and do anti-rust treatment in time. Packaged injector oil booster valves must be protected from damage.

(3) Keep The Warehouse Dry And Preventing Moisture

The relative humidity is usually below 70% for the repair kits placed in the room, and the corrosion of the repair kits is significantly reduced.

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

If the injector oil booster valve 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 fuel applied at the factory is found to be damaged or dried up, it should be cleaned and re-applied fuel in time.

⚠ It is forbidden to leave the injector oil booster valve exposed in the air for a long time.

⚠ It is forbidden to store acids, alkalis, salts, and other substances together with the injector oil booster valve.

⚠ The unpacked injector oil booster valve 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. 219-2102 Injector Oil Booster Valve Warranty Instructions](#))

5.2. Salesmen's Contact Information

No.	Name	WeChat/WhatsApp	Email
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