



295019-0890 Injection Repair Kit G3 Series Technical Data 

SKU1: G1S650190890FG

Injection Repair Kit





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Content

1. 295019-0890 Injection Repair Kit Introduction	2
1.1. 295019-0890 Injection Repair Kit Basic Information.....	2
1.2. 295019-0890 Injection Repair Kit Common Part Number.....	2
1.3. 295019-0890 Injection Repair Kit Number Common Writing.....	2
1.4. 295019-0890 Injection Repair Kit Parameter	2
1.5. 295019-0890 Injection Repair Kit Specifications and Dimensions Parameter	2
1.6. 295019-0890 Injection Repair Kit Quality Control.....	3
1.7. 295019-0890 Injection Repair Kit Customized Service.....	3
1.8. 295019-0890 Injection Repair Kit Package List & Package Size.....	4
1.9. 295019-0890 Injection Repair Kit Testing Standard and Certificate.....	5
1.10. 295019-0890 Injection Repair Kit Warranty Description.....	6
2. 295019-0890 Injection Repair Kit Technical Support	7
2.1. 295019-0890 Injection Repair Kit Installation Precautions	7
2.2. Reasons For 295019-0890 Injection Repair Kit Not Working Normally	8
2.3. Causes of 295019-0890 Injection Repair Kit Being Damaged.....	8
2.4. 295019-0890 Injection Repair Kit Storage Standard.....	9
2.5. 295019-0890 Injection Repair Kit Technical Support Obtaining Methods	9
3. 295019-0890 Injection Repair Kit Purchase and Delivery	9
3.1. 295019-0890 Injection Repair Kit Purchase Payment Term.....	10
3.2. 295019-0890 Injection Repair Kit Main Sales Markets	10
3.3. 295019-0890 Injection Repair Kit Declaration Requirements	10
3.4. 295019-0890 Injection Repair Kit Shipping Ways.....	10
3.5. 295019-0890 Injection Repair Kit Lead time	10
3.6. 295019-0890 Injection Repair Kit Logistics Time for Destination Out of China's Areas	10
3.7. 295019-0890 Injection Repair Kit Packing.....	11
4. Company Information.....	12
4.1. Company Introduction.....	13
4.2. Contact Information.....	13
5. Copyright Statement	13



295019-0890 Injection Repair Kit G3 Series Technical Data

1. 295019-0890 Injection Repair Kit Introduction

1.1. 295019-0890 Injection Repair Kit Basic Information

Injection Repair Kit Title	Common Rail 295019-0890 Injection Repair Kit G3 Series
SKU	G1S650190890FG

1.2. 295019-0890 Injection Repair Kit Common Part Number

(1) Injection Repair Kit Applicable Injector Model

Injector Part Number	OE Number	OE Number
295050-0890	295019-0890	1465A367

(2) Injection Repair Kit Matching Information

Vehicle Brand	Car Model	Engine Model	Production Date
For MITSUBISHI	L200/TRITON	4D56	1006

1.3. 295019-0890 Injection Repair Kit Number Common Writing

295050-0890, 2950500890, 295050-0891, 2950500891, 295050-0892, 2950500892, 295050-0893, 2950500893, 295050-0894, 2950500894, 295050-0895, 2950500895, 295050-0896, 2950500896, 295050-0897, 2950500897, 295050-0898, 2950500898, 295050-0899, 2950500899, 295050-089#, 295050089#, 295019-0890, 2950190890, 295019-0891, 2950190891, 295019-0892, 2950190892, 295019-0893, 2950190893, 295019-0894, 2950190894, 295019-0895, 2950190895, 295019-0896, 2950190896, 295019-0897, 2950190897, 295019-0898, 2950190898, 295019-0899, 2950190899, 295019-089#, 295019089#, 1465A367

1.4. 295019-0890 Injection Repair Kit Parameter

Injection Repair Kit Applicable System: [Common Rail System](#)

Injection Repair Kit Series: [G3 series](#)

Injection Repair Kit Type: [Electromagnetic Injection Repair Kit](#)

1.5. 295019-0890 Injection Repair Kit Specifications and Dimensions Parameter

Injection Repair Kit Size: [12cm* 8cm *3cm](#)

Single Injection Repair Kit Weight: [0. 1kg](#)

Injection Repair Kit Weight Per Bag: [0.12kg](#)

Injection Repair Kit Quality: [China Made New](#)

Injection Repair Kit Package Size: [14cm* 10cm *3cm](#)

Injection Repair Kit Type: [High Pressure Common Rail Injection Repair Kit](#)

Injection Repair Kit MOQ: [4 pcs](#)



1.6. 295019-0890 Injection Repair Kit Quality Control

(1) Injection Repair Kit Testing

All parts of the injection repair kit have undergone electrical characteristics testing, precision testing, high temperature testing, low temperature testing, withstand pressure testing, leakage testing, durability testing, and various working conditions testing.

(2) Injection Repair Kit Installation



In addition, the injection repair kit production and installation process is quality controlled. Our company strictly follows the standard product installation data and product installation steps for installation, such as injection repair kit stroke test, injection repair kit solenoid valve tightening torque, injection repair kit nozzle tightening torque.

(3) Injection Repair Kit Inspection

The factory inspection of the injection repair kit has undergone three inspections: full inspection, random inspection, and batch inspection. Different brands of test benches are used to test the same injection repair kit for more than three times for factory inspection, and the injection repair kit installation testing environment are progressed in dust-free workshop.

1.7. 295019-0890 Injection Repair Kit Customized Service

(1) Injection Repair Kit Customized Service Coverage: Meet OEM manufacturers' customization needs for shell engraving, logo engraving, injection repair kit internal packaging, injection repair kit external packaging and labels, etc.

No.	1	2
Image		
Name	Injection Repair Kit Assembly	Injection Repair Kit Package

(2) Injection Repair Kit Customized Service Requirements:

The purchase of customized [injection repair kit](#) is no less than 10 pieces.

The purchase of customized [injection repair kit package](#) is no less than 1000 pieces.

▲ When 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 injection repair kit is sold, it can't be returned or exchanged if there is no quality problems.



1.8. 295019-0890 Injection Repair Kit Package List & Package Size

(1) Injection Repair Kit Spare Parts List

No.	1	2	3
Image			
Name	Injection Repair Kit Assembly	Nozzle	Valve plate
Description	Injection repair kit assembly part number 295019-0890	Injector nozzle part number Order number: 093400-0450 Engraved number: G3S45	Injector valve plate part number 295040-5010 (501#)
No.	4	5	6
Image			
Name	Nut	O-ring	Valve stem
Description	Before installation, it is necessary to confirm that the length * diameter * thread of the tight cap is consistent	Ensure that the sealing performance between the Injector and the engine meets the standard	Injector stem model: 295030-1181 Size: L118.15mm Φ * 3.8mm
No.	7	8	/
Image			/
Name	White Anti-rust Bag	Lining	/
Description	Prevent accessories from rusting	Place overhaul kit accessories	/

⚠ Minors are prohibited from using the injection repair kit assembly, O-ring, nozzle protective cover, oil return protective cover, VCI anti-rust bag, and bubble bag to avoid personal injury.

⚠ O-rings and nozzle washer shim are one-time installation accessories and need to be replaced when installed again.

⚠ The nozzle protective cover and oil return protective cover are recyclable accessories and can be reused.

⚠ VCI anti-rust bags and bubble bags are non-degradable materials, please dispose of them properly after using.



⚠ The injection repair kit and the installation part duct must be treated with appropriate sealing oil during installation.

(2) Injection Repair Kit Package Size



Pic No.1

No.	Name	Injection Repair Kit Package Size (cm)
1	Injection Repair Kit Package	14*10*3

1.9. 295019-0890 Injection Repair Kit Testing Standard and Certificate

We can provide the factory quality inspection test report of each injection repair kit to ensure that each injection repair kit delivered meets the engine performance indicators.

BOTEN 测试报告 4.05.2019 10:42:09

申报企业: _____
 电话: _____ 地址: _____
 传真: _____ 检测人: _____
 客户地址: _____
 电话: _____ 送检单位: _____
 传真: _____ 客户姓名: _____
 检测项目: _____

零件名称: _____
 型号-零件号: _____
 制造商: _____

检测结果

检测项目编号: C91003-6511

检测项目	检测标准	检测结果	合格标准	检测结果	合格判定
IGAR TEST:	30	4	0.5	30.0110	✓
End:	30	4	35.0	30.0110	✓
WARM:	30	107.3±10.5	0.0	107.3±10.5	✗
Max:	29.5	219.9±14.4	0.0	219.9±14.4	✓
TL:	28.4	20.0±0.5	0.0	20.0±0.5	✓
EL:	141	75.0±4.8	0.0	75.0±4.8	✓
VE:	0.7	4.5±1.0	0.0	4.5±1.0	✓

合格 不合格 未检测 未评价

Pic No.2

1.10. 295019-0890 Injection Repair Kit Warranty Description

(1) Product Warranty Conditions and Instructions

It is necessary to provide pictures, videos, or test reports tested by the injection repair kit inspection equipment when the injection repair kit 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) Injection Repair Kit Warranty Coverage

- ① After customer receives the injection repair kit within 15 days , if there is a performance failure and the product has no damage on surface, customer can choose to replace it or repair it;
- ② If the injection repair kit has performance problems during the warranty period (6-12 months), and it is confirmed to be product’s problems after being tested, you can contact our salesmen to replace the same model or a reworked product with the same performance for free;
- ③ If the injection repair kit shell has obvious scratches, it can only be repaired and it will be returned as it is if the product is confirmed to be fault-free.

▲ Tips: For products not covered by warranty, our company can provide paid maintenance services. For products after paid repaired, the same performance problem will have a free warranty period within 3 months from the date of repairing.

(3) Injection Repair Kit Is Not Covered By Warranty

- ① The warranty period has expired.
- ② Injection repair kit failure caused by high temperature, high pressure, humidity, rain and snow,



saline-alkali land, earthquake, and used in abnormal environment.

③ Customer disassembles or repairs the injection repair kit personally resulting in damage to the Injection repair kit.

④ Injection repair kit damage caused by man-made reasons (throwing, strong magnetic field magnetization, set fire).

⑤ Injection repair kit failure or injection repair kit damage caused by non-injection repair kit design, technology, manufacturing, quality and other issues.

⑥ Injection repair kit failure due to system pressure exceeding system approved pressure.

⑦ Injection repair kit failure caused by system voltage exceeding approved voltage.

⑧ Injection repair kit failure caused by impurities (water, lead, aluminum powder, iron powder, sulfide) in the system fuel exceeding the standard requirements.

⑨ Injection repair kit failure caused by not installing according to the tightening torque specified in the vehicle engine maintenance manual (the tightening torque is too large or too small).

⑩ Injection repair kit failure caused by not following the installation angle specified in the vehicle engine maintenance manual.

11 Injection repair kit failure caused by not following the cleaning requirements specified in the vehicle engine maintenance manual.

12 Injection Repair Kit failure caused by failure to replace consumable parts as specified in the vehicle engine maintenance manual.

13 Injection repair kit failure caused by not complying with the intake system fit clearance and exhaust system fit clearance requirements specified in the vehicle engine maintenance manual.

14 Failure to replace the consumable parts and the fitting clearance of the oil inlet system pipeline and the injection repair kit connection in accordance with the fuel intake system specified in the vehicle engine maintenance manual.

2. 295019-0890 Injection Repair Kit Technical Support

2.1. 295019-0890 Injection Repair Kit Installation Precautions

- (1) The replacement of the injection repair kit must strictly follow the electrical system, the approved pressure of the low-pressure fuel intake system, the approved pressure of the high-pressure fuel circuit system, and fuel system replacement consumables requirements (including the low-pressure fuel circuit system filter and the high-pressure fuel circuit) specified in the vehicle engine maintenance manual.
- (2) Replacement of wearing parts of the fuel system, cleaning requirements for the connection between the fuel system and the injection repair kit, the fitting clearance of the injection repair kit connection, the installation angle and tightening torque of the injection repair kit, the fitting clearance of the intake system, and the fitting clearance of the exhaust system to ensure the service life of the engine and the normal operation of the injection repair kit.
- (3) When installing the injection repair kit on the engine, it is necessary to clean the engine block, cylinder head and other parts connected to the injection repair kit, and ensure that there is no dust, carbon deposits, water, rust spots, etc.
- (4) Before installing, check whether the injection repair kit washer shim has been replaced and installed on the injection repair kit.
- (5) When installing the injection repair kit, apply lubricant between the injection repair kit, fuel nozzle sealing washer shim and O-ring.



- (6) Without replacing new washer shim can lead to: deformation of the tight cap of nozzle, deformation of nozzle, deformation of nozzle orifice, oil leakage and air leakage, which will cause serious damage to the injection repair kit and nozzle to break and cause damage to the engine.
- (7) When installing the injection repair kit on the engine, please carefully check the components related to the installation of the injection repair kit, such as the injection repair kit pressure plate, screw, injection repair kit rod and other accessories are not deformed, and install it in strict accordance with the operation steps of the engine maintenance manual.
- (8) It is forbidden to operate the bare injection repair kit for a long time in an environment with serious dust pollution and corrosion to iron products.
- (9) It is forbidden to operate the bare injection repair kit for a long time in a strong magnetic field environment.

2.2. Reasons For 295019-0890 Injection Repair Kit Not Working Normally

- (1) There is air in the oil circuit of the engine fuel system.
- (2) Vehicle injection repair kit oil supply system is not normal.
- (3) Engine common rail system oil leakage or pressure limiting valve damage.
- (4) There is a short circuit, cutting out and poor contact in the wiring harness connected to the injection repair kit of the vehicle.
- (5) The long-term placement of the injection repair kit causes the anti-rust oil to solidify, and the internal components are stuck or the oil holes are blocked.

⚠ Before installing, carefully check whether other components in the common rail system are damaged so as to prevent the injection repair kit from not working properly after being replaced.

2.3. Causes of 295019-0890 Injection Repair Kit Being Damaged

- (1) Didn't operate properly according to engine maintenance manual during disassembly or installation, resulting in damage to the injection repair kit.
- (2) The fuel oil used for the vehicle does not meet the standard cause damage to the injection repair kit, such as: the water content in the fuel oil exceeds the standard, iron powder, aluminum powder, sulfide impurities exceed the standard, etc.
- (3) The engine is not regularly maintained according to the engine maintenance manual (please refer to the vehicle maintenance manual for the maintenance mileage). For example, failure to replace the lubricating oil of the engine system for a long time will cause abnormal wear of the engine, excessive exhaust gas volume or a large amount of carbon deposits inside the engine. The filter is not replaced during maintenance or the replaced filter cannot reach the original filter standard. all above reasons can cause damage to the injection repair kit.
- (4) The abrasion of the oil pump produces iron powder and aluminum powder enter the injection repair kit and cause damage to the injection repair kit.
- (5) The deformation and abrasion of fuel tank result in iron powder or aluminum powder entering the injection repair kit and causing damage to it.
- (6) The injection repair kit is damaged due to replacement or adjustment of the relevant parts of the injection repair kit. For example, the valve clearance does not meet the standard after the engine is repaired, the replacement or modification of the wiring harness connected to the injection repair kit fails to meet the original standard.
- (7) The engine is overheated and overloaded for a long time working results in damage to the injection



repair kit.

- (8) The injection repair kit will be damaged naturally at the end of its working life.
- (9) The injection repair kit is magnetized (injection repair kit parts' magnetic exceeded) causing the injection repair kit to not work properly.

⚠ Before replacing the injection repair kit, please check the engine parts carefully according to the engine maintenance manual to avoid the injection repair kit being damaged again after replacement.

2.4. 295019-0890 Injection Repair Kit Storage Standard

(1) Choose a Suitable Storage Place

The warehouse and cargo yard where the injection repair kits are stored should be kept clean and dry, and away from the factory buildings that generate harmful gases and dust; do not mix with acid, 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 injection repair kits 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 injection repair kits must be protected from damage.

(3) Keep The Warehouse Dry And Preventing Moisture

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

Injection repair kits 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 injection repair kit is exposed to rain, the corrosion rate will increase significantly. The purpose of sealing is to isolate the injection repair kit from rainwater and humid air, so the warehouse window should be checked in time to avoid rainwater entering the warehouse

If the injection repair kit 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 injection repair kit exposed in the air for a long time.

⚠ It is forbidden to store acid, alkali, salt and other substances with the injection repair kit.

⚠ The unpacked injection repair kit must be rust-proof during secondary storage.

2.5. 295019-0890 Injection Repair Kit Technical Support Obtaining Methods

- (1) Injection Repair Kit Technical Data: <https://www.injectionrepairkit.com/download/>
- (2) Injection Repair Kit Videos: <https://www.injectionrepairkit.com/videos/>
- (3) Injection Repair Kit Encyclopedia: <https://www.injectionrepairkit.com/category/news/encyclopedia/>

3. 295019-0890 Injection Repair Kit Purchase and Delivery



3.1. 295019-0890 Injection Repair Kit Purchase Payment Term

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

⚠ Please contact our salesmen for specific payment information.

3.2. 295019-0890 Injection Repair Kit Main Sales Markets

Injection Repair Kit Main Sales Markets: Asia, Europe, North America, South America, Africa etc.

3.3. 295019-0890 Injection Repair Kit Declaration Requirements

We 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. 295019-0890 Injection Repair Kit 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. 295019-0890 Injection Repair Kit Lead time

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

3.6. 295019-0890 Injection Repair Kit 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. 295019-0890 Injection Repair Kit Packing

Domestic Express Packaging: Usually wrapped in waterproof scotch tape, such as picture No.3.

International Express Packaging: Wrapped with waterproof yellow tape After wrapping the black protective film, such as picture No. 4.

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. 5, 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.



Pic No. 3

Domestic Express Packaging: Wrapped with Transparent tape



Pic No. 4

International Express Packaging: Wrapped with yellow tape after wrapping black protective film



Pic No. 5

Pallet Shipping: Use pallet that meet export requirements, and use white wrapping protective film to wrap and bind with cable ties

4. Company Information



Pic No. 6

4.1. Company Introduction

Mob Phone/WeChat: +86-13410541523

HK Telephone: +852-67653519

Telephone: +86-755-23215133

Shenzhen Office: 11-12, Floor 14, Building 13, Qinchengda Building, Exit A, Honglang North Subway Station, Bao'an District, Shenzhen, China 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: [1.10. 295019-0890 Injection Repair Kit Warranty Description](#))

4.2. Contact Information

Name	WeChat/ WhatsApp
Ruby	+86-13410541523

5. Copyright Statement



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