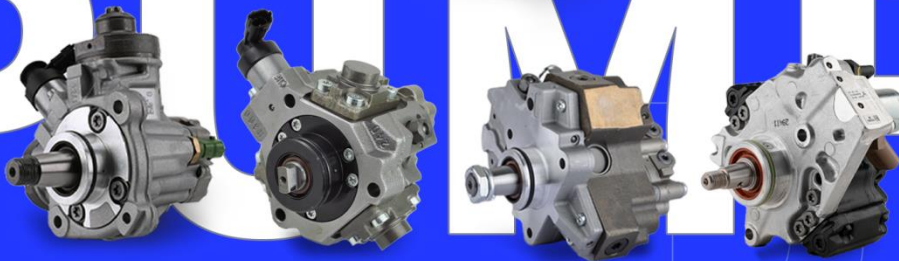
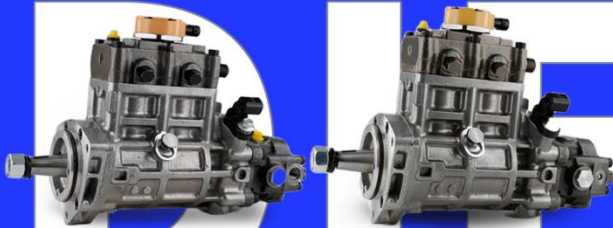
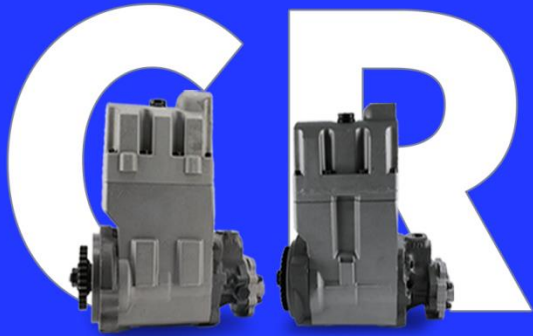


A2C96176300 Diesel Pump Technical File

SKU: Z1L32C96176300

CDP



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A2C96176300 Diesel Pump Technical File**1. A2C96176300 Diesel Pump Introduction****1.1. A2C96176300 Diesel Pump Basic Information**

Title	Common Rail A2C96176300 Diesel Pump CR Series	Quality
SKU	Z1L32C96176300	Remanufactured

1.2. A2C96176300 Diesel Pump Common Part Number**(1) Diesel Pump Exchange Information**

Common Rail Diesel Pump Part Number	Car Model	Compatible Number	OE Number	OE Number
A2C96176300	A2C96176300	Ford	BK3Q-9B395-AD	FB3Q-9B395-BA

(2) Diesel Pump Application Information

Vehicle Brand	Car Model	Engine Model	Production Date	Power (KW)	Horse Power	Emission (L)	Cylinder	Power Source (V)
Ford	Ford	TDC	2011	/	118-197	3.2L	/	/

(3) Diesel Pump's Common Writing Methods

A2C96176300, A2C59517043, 5WS40695, BK3Q-9B395-AD, FB3Q-9B395-BA

1.3. A2C96176300 Diesel Pump Parameters

Diesel Pump Adaptation System: Common Rail System

Diesel Pump Series: CR Series

Diesel Pump Type: High Pressure Pump, CR System

Diesel Pump Size: 29cm* 21cm *25 cm

Diesel Pump Gross Weight: 6.4kg

Diesel Pump Package Weight: 6.9kg

Diesel Pump Quality: Re-manufactured

Diesel Pump Package Size: 32cm*24cm *27 cm

Diesel Pump Type: High Pressure Diesel Pump

Diesel Pump MOQ: 1 piece

1.4. A2C96176300 Diesel Pump Customization Service

(1) Diesel Pump Customization Service Coverage: Meet OEM manufacturers' customization needs for shell engraving, logo engraving, diesel pump internal packaging, diesel pump external packaging and labels, etc.

NO.	1	2
Picture		
Name	Diesel Pump Shell Engraving	Diesel Pump Packaging

(2) Diesel Pump Customization Service Requirements:

The purchase of customized diesel pump is no less than **10** pieces.

The purchase of customized diesel pump boxes is no less than **1000** pieces.

⚠ 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 diesel pump is sold, it can't be returned or exchanged if there is no quality problems.

1.5. A2C96176300 Diesel Pump Packaging List And Packaging Dimensions**(1) Diesel Pump Parts List**

NO.	1	2	3
Picture			
Name	Diesel Pump Assembly	Blue Anti-Rust Bag	Lining
Description	Diesel pump part number: A2C96176300	Prevent diesel pump from rusting	Prevent the diesel pump from being damaged by external forces
NO.	4	5	6
Picture			/
Name	Diesel Pump Packaging Box	Diesel Pump Protective Cover	/
Description	Place the diesel pump and accessories	Protect the diesel pump hole from contamination and blockage	/

⚠ Minors are prohibited from using the diesel pump assembly, O-ring, Oil inlet protective cover, diesel pump shell protective cover, oil return protective cover, VCI anti-rust bag, and bubble bag to avoid personal injury.

⚠ O-rings and repair kits are one-time installation accessories and need to be replaced when installed again.

⚠ Oil inlet protective cover, diesel pump shell 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 diesel pump and the installation part duct must be treated with appropriate sealing oil during

(2) Diesel Pump Packaging Box Size



Pic No.1

NO.	Name	Diesel Pump Packaging Size (Cm)
1	Diesel pump packaging box	32*24*27

1.6. **A2C96176300** Diesel Pump Quality Control

(1) Diesel Pump Testing

All parts of the diesel pump 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) Diesel Pump Installation

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

(3) Diesel Pump Inspection

The factory inspection of the diesel pump has undergone three inspections: full inspection, random inspection, and batch inspection. Different brands of test benches are used to test the same diesel pump for no less than three times for factory inspection, and the fuel injector installation testing environment are progressed in dust-free workshop.

1.7. **A2C96176300** Diesel Pump Testing Standards and Certificates

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

BOTEN		测试报告		4.05.2019 10:42:09	
企业名称: _____ 电话: _____ 地址: _____ 传真: _____ 联系人: _____ 客户地址: _____ 检测单位: _____ 电话: _____ 客户姓名: _____ 检测地址: _____ 检测名称: _____ 型号-零件号: _____ 检测时间: _____					
检测结果					
检测编号: CDE002-0511 检测项目: 性能测试 检测标准: GB 19049-2003 检测地点: 实验室					
EGW TEST:	30	4	4.5	20.0 ± 1.0	✓
EGW:	30	4	35.0	20.0 ± 1.0	✓
WEPM:	30	12.5 ± 1.5	0.9	20.0 ± 1.0	✓
Max:	20.5	20.0 ± 1.4	0.9	20.0 ± 1.0	✓
TL:	20.4	20.0 ± 1.5	0.9	20.0 ± 1.0	✓
EL:	14.1	15.0 ± 4.8	0.9	20.0 ± 1.0	✓
VE:	0.7	4.5 ± 1.0	0.9	20.0 ± 1.0	✓
检测人: _____ 检测日期: _____ 检测地点: _____					

Pic No.2

1.8. A2C96176300 Diesel Pump Warranty Instructions

(1) Product Warranty Conditions And Instructions

It is necessary to provide pictures, videos, or test reports tested by the diesel pump inspection equipment when the diesel pump 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) Diesel Pump Warranty Coverage

- ① After customer receives the A2C96176300 diesel pump 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 A2C96176300 diesel pump 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 diesel pump 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) Diesel Pump Is Not Covered By Warranty

- (1) The warranty period has expired.
- (2) Diesel pump 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 diesel pump personally resulting in damage to the diesel pump.

(4) Diesel pump damage caused by man-made reasons (throwing, strong magnetic field magnetization, set fire).

(5) Diesel pump failure or diesel pump damage caused by non-diesel pump design, technology, manufacturing, quality and other issues.

(6) Diesel pump failure due to system pressure exceeding system approved pressure.

(7) Diesel pump failure caused by system voltage exceeding approved voltage.

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

(9) Diesel pump 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) Diesel pump failure caused by not following the installation angle specified in the vehicle engine maintenance manual.

(11) Diesel pump failure caused by not following the cleaning requirements specified in the vehicle engine maintenance manual.

(12) Diesel pump failure caused by failure to replace consumable parts as specified in the vehicle engine maintenance manual.

(13) Diesel pump failure caused by not complying with the intake system fit clearance and exhaust system fit clearance requirements specified in the vehicle engine maintenance manual.

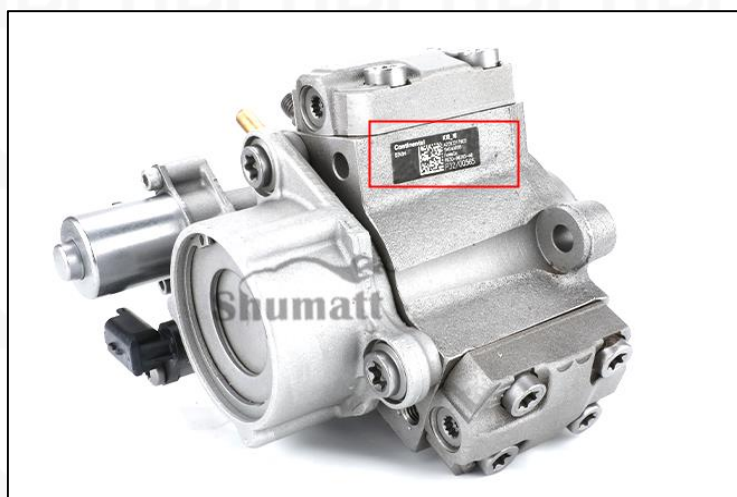
(14) Failure to replace the consumable parts and the fitting clearance of the oil inlet system pipeline and the diesel pump connection in accordance with the fuel intake system specified in the vehicle engine maintenance manual.

2. A2C96176300 Diesel Pump Technical Support

2.1. A2C96176300 Diesel Pump Utilized Location

(1) Example: The code of the diesel pump is shown as follows

NO.	Name
A	Brand, logo, part number



Pic No.3

2.2. Reasons of A2C96176300 Diesel Pump Not Working Normally

(1) There is air in the oil circuit of the engine fuel system.

(2) Vehicle diesel pump 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 diesel pump of the vehicle.

(5) The long-term placement of the diesel pump 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 diesel pump from not working properly after being replaced.

2.3. Causes of **A2C96176300** Diesel Pump Being Damaged

(1) Failure to follow the engine maintenance manual during disassembly or installation may result in damage to the diesel pump.

(2) The fuel oil used for the vehicle does not meet the standard cause damage to the diesel pump, 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 diesel pump.

(4) The abrasion of the oil pump produces iron powder and aluminum powder enter the diesel pump and cause damage to the diesel pump.

(5) The deformation and abrasion of fuel tank result in iron powder or aluminum powder entering the diesel pump and causing damage to it.

(6) The diesel pump is damaged due to replacement or adjustment of the relevant parts of the diesel pump. 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 diesel pump fails to meet the original standard.

(7) The engine is overheated and overloaded for a long time working results in damage to the diesel pump.

(8) The diesel pump will be damaged naturally at the end of its working life.

(9) The diesel pump is magnetized (diesel pump parts' magnetic exceeded) causing the diesel pump to not work properly.

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

2.4. **A2C96176300** Diesel Pump Installation Precautions:

(1) The replacement of the diesel pump 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) When install the diesel pump, strictly follow the manual of replacement of wearing parts of the fuel system, cleaning requirements for the connection between the fuel system and the diesel pump, the

fitting clearance of the diesel pump connection, the installation angle and tightening torque of the diesel pump, the fitting clearance of the intake system, and the fitting clearance of the exhaust system, so that to ensure the service life of the engine and the normal operation of the diesel pump.

(3) When installing the diesel pump on the engine, it is necessary to clean the engine block, cylinder head and other parts connected to the diesel pump, and ensure that there is no dust, carbon deposits, water, rust spots, etc.

(4) If don't replace new washer shim, it can lead to: deformation of diesel pump, oil leakage and air leakage, which will cause serious damage to the diesel pump and diesel pump to break and cause damage to the engine.

(5) When installing the diesel pump on the engine, please carefully check the components related to the installation of the diesel pump are not deformed, such as the diesel pump pressure plate, screw, diesel pump rod and other accessories, and install it in strict accordance with the operation steps of the engine maintenance manual.

(6) It is forbidden to operate the bare diesel pump for a long time in an environment with serious dust pollution and corrosion to iron products.

(7) It is forbidden to operate the bare diesel pump for a long time in a strong magnetic field environment.

2.5. A2C96176300 Diesel Pump Storage Standards

(1) Choose a suitable storage place

The warehouse and cargo yard where the diesel pumps 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 storage requirements

Strict inspections should be carried out when the diesel pumps 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 diesel pumps must be protected from damage.

(3) Keep the warehouse dry and do moisture-proof work

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

Diesel pumps must be stored in the warehouse, and they are forbidden to store in the same warehouse with commodities with high water content.

(4) Reasonable stacking

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

If the diesel pump 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 diesel pump exposed in the air for a long time.

- ⚠ It is forbidden to store acid, alkali, salt and other substances together with the diesel pump.
- ⚠ The unpacked diesel pump must be rust-proof during secondary storage.

2.6. A2C96176300 Diesel Pump Technical Support Obtaining Methods

- (1) Diesel Pump Technical Data: <https://www.crdieselpump.com/download/>
- (2) Diesel Pump Technical Videos: <https://www.crdieselpump.com/videos/>
- (3) Diesel Pump Encyclopedia: <https://www.crdieselpump.com/category/news/encyclopedia/>

3. A2C96176300 Diesel Pump Purchase And Delivery

3.1. A2C96176300 Diesel Pump Purchase And Payment Term

Payment Method: T/T, Paypal, Alipay, WeChat

- ⚠ Please contact our salesmen for specific payment information.

3.2. A2C96176300 Diesel Pump Main Sales Markets

Main Sales Markets Of Diesel Pump: Asia, Europe, North America, South America, Africa etc.

3.3. A2C96176300 Diesel Pump Declaration Requirements

We can assist customers by providing the following documents for import customs clearance: contract, invoice, packing list, bill of lading, insurance policy, certificate of origin, etc.

3.4. A2C96176300 Diesel Pump 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. A2C96176300 Diesel Pump Delivery Time

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

3.6. A2C96176300 Diesel Pump Logistics Time for Destination Out of China's Areas

DHL Logistics Time:

Place Of Departure	Hong Kong	Other Countries Or Regions In Asia	Australia and New Zealand	Europe	America	Other Countries
China Mainland	7 Days	7 Days	8 Days	8 Days	8-12 Days	7-10 Days

UPS Logistics Timeliness: Country or region of origin: Mainland China

Country of Destination	Estimated Arrival Time	Country of Destination	Estimated Arrival Time	Country of Destination	Estimated Arrival Time

Japan	3 Days	Britain	5-7 Days	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	USA	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	Philippines	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. A2C96176300 Diesel Pump Shipping Package

Domestic express packaging: Usually wrapped in waterproof scotch tape, such as picture No.4.

International express packaging: Wrapped with waterproof yellow tape after wrapping the black protective film, such as picture No. 5.

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. 6, 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. 4

Domestic express packaging:
Wrapped with Transparent tape



Pic No. 5

International express packaging:
Wrapped with yellow tape after wrapping black protective film



Pic No. 6

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. 7

4.1. Company Introduction

Mobile Phone/WeChat: +86-13410541523

Hong Kong Mobile Phone: +852-67653519

Tel: +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: [1.8. A2C96176300 Diesel Pump Warranty Instructions](#))

4.2. Contact Information

Name	WeChat/Whatsapp
Ruby	+86-13410541523

5. Copyright Statement

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