



## Bosch Diesel Service:

Your diesel specialist for Diagnostics and Repair  
of all Diesel Systems and Turbochargers



**Al Salehi**  
DRIVEN BY INNOVATION & QUALITY





Our expert knowledge of diesel technology enables us to service any make or model of vehicle or equipment.

## Full-Service diesel experts

Any make, Any model

Here at Bosch Diesel Service-Al Salehi, we specialize in servicing, repairing and calibrating diesel engine vehicles and equipments since 2007.

With our highly-trained diesel technicians and state-of-the-art facilities, we offer you a full-service, whatever make and model of vehicle you drive or equipment you operate.

We have extensive expertise from the conventional-type to the most advanced Fuel systems, Diesel engine overhauling, and Turbochargers repair in different sectors. Being a market-oriented company, we always invest to cater the varied customer demands in the Region.

So the next time you need your diesel vehicle or equipment; fuel injection components; and turbochargers serviced or repaired, you know where to come!

### Workshop Facts & Details:

- ▶ **Bosch Diesel Service**  
**Al Salehi Machinery & Equipment Repairing**
- ▶ Number of Staff: 40
- ▶ 2007 - Oct Established in Dubai
- ▶ 2008 - Jan Authorized Bosch Diesel Service
- ▶ 2013 - Jul Dubai Facility expansion
- ▶ 2014 - Feb Awarded as Over-all Best Bosch Diesel Service in the MENA Region
- ▶ 2015 - Nov Authorized ASIMCO-BYC Technologies Diesel Service Station in the UAE
- ▶ 2016 - Dec Awarded as Best Bosch Diesel Partner
- ▶ 2017 - Sep New Facility for Turbocharger & Engine Repairs
- ▶ 2018 - Jan Awarded as Best Bosch Diesel Partner
- ▶ 2019 - Feb Authorized Delphi Diesel Service Center
- ▶ 2019 - Jun Authorized VDO Service Partner
- ▶ 2020 - Jan Awarded for Outstanding Sales Performance 2019 by Interstate-McBee, USA
- ▶ 2020 - Feb New Branch at Dubai Investments Park 1





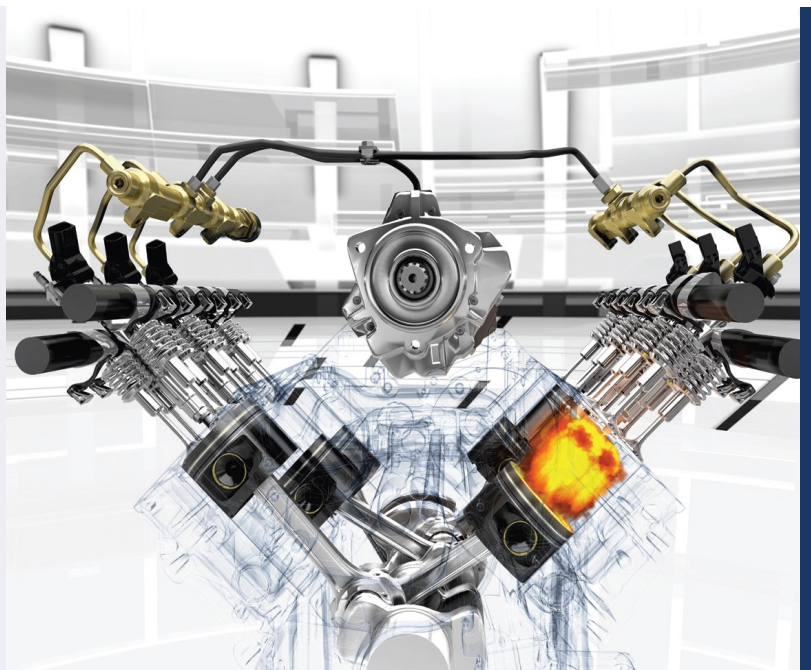
Series of Component testing enables us to precisely determine where the fault lies.



Once the faulty part has been identified, we recommend to repair the component and guarantee its safe functioning.

## The leader in diesel repair

- ▶ **Comprehensive service** offering for all diesel vehicles and equipment
- ▶ **Experienced** Bosch-trained engineers and technicians
- ▶ **Specialized knowledge** of diesel engines, systems, and components
- ▶ **State-of-the-art** diagnostic equipment and service workshop facility
- ▶ **Full component** testing and repair service





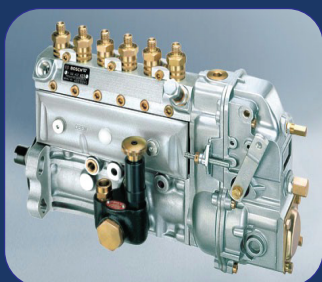
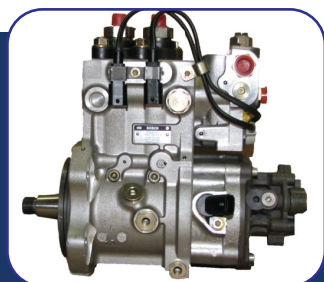
## We are part of the modern Diesel workshop organization of Bosch

As part of the world's leading  
Diesel Repair Expert, we always  
aim to be on top-surfing the  
flow of innovation.

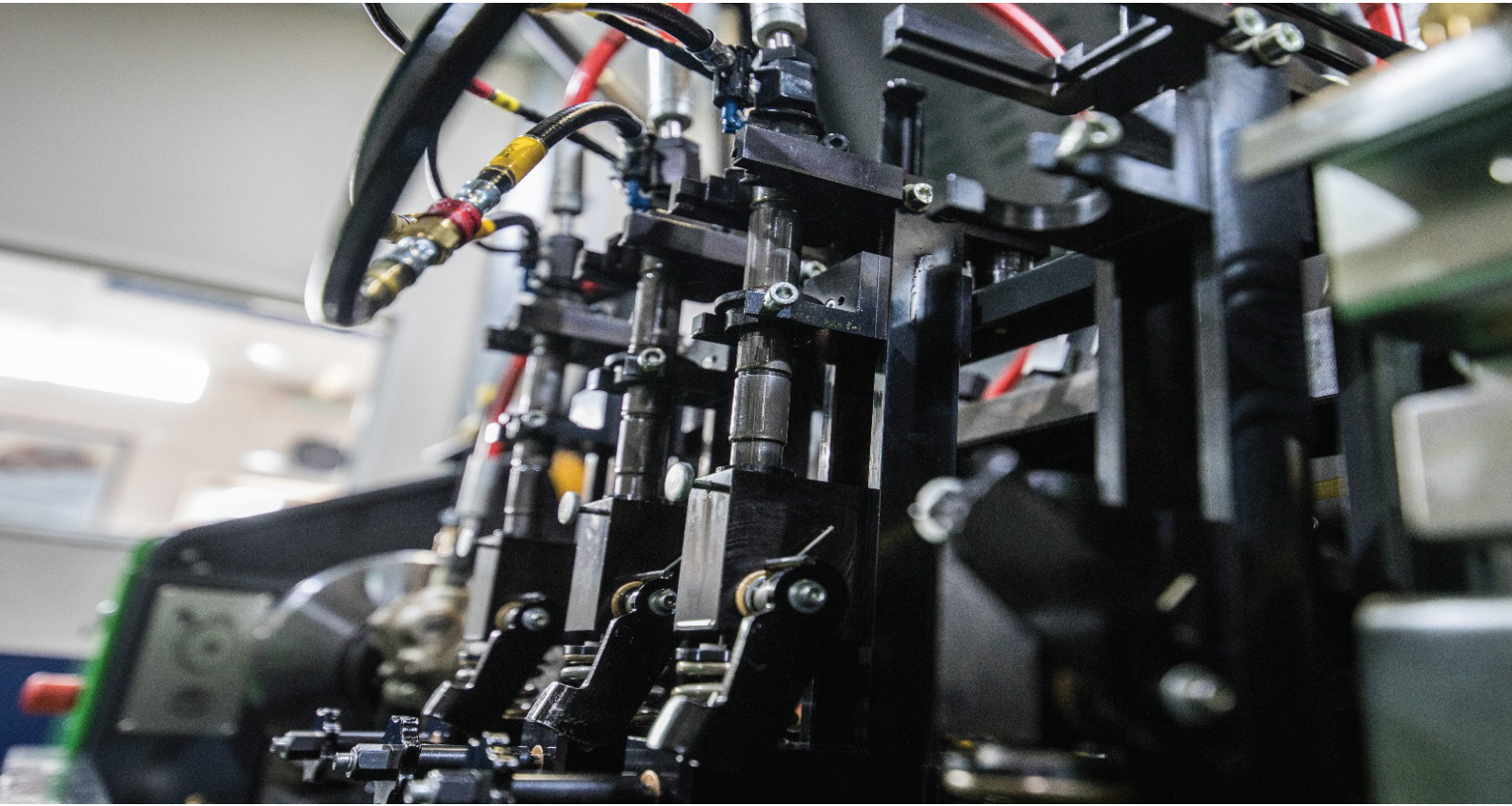
The repair of the modern high-pressure Diesel injection  
systems comes with more sophisticated methods  
and accurate diagnosis. It requires high quality  
test equipment, high precision processes, special tools,  
clean workshop environment and diesel specialists.

We offer tailored professional solutions for the repair  
and maintenance of the state-of-the-art diesel technology  
for workshops, business customers and fleet operators.

We are your expert service provider from the  
conventional-type to the most advanced Diesel systems.  
Bosch Diesel Service-Al Salehi is always keeping up  
with the Diesel System innovations!







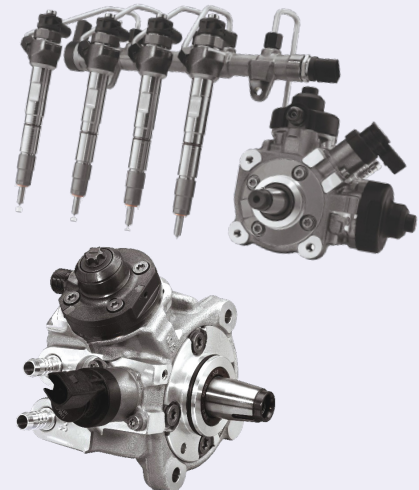
## CP4-Pump with Piezo Common-rail Injector (CRI4)

The fourth generation of Bosch CR-Pump and CR-Injector

A fourth generation of Bosch Fuel Pumps designated the CP4.1 for single piston and CP4.2 for two pistons. CP4-Pumps are flexibly designed to fit in different applications and systems such as CRI3 and CRI4 Common-rail Piezo Injectors.

This Advanced Common-rail System boasts high engine power, quieter combustion and low fuel consumption and emissions. The CP4 operates up to 2,700 bars of pressure which allows an efficient and exact fuel injection.

Since 2017, we are the first and only Diesel Service workshop in the Region by far fully equipped with the necessary and recommended tools to test, repair and calibrate along with Bosch trainings for engineers and technicians on the new Common-rail Pumps and Piezo CR-Injectors.





## Choose Bosch authorized repair performed by top specialists

Buying cheap is an expensive option, leading to unnecessary costs that can be saved by choosing Bosch-certified repair quality.

Cheap and Reconditioned components are false economy and can often contain re-used, dirt-contaminated spare parts (see examples below).

Failure to follow the official Bosch repair procedures by using sub-standard parts can result to unnecessary costs in no time. In addition, many reconditioning activities are performed without using special tools, certified Equipment and Test Benches.

### The value of Expert advice:

Depending on the cause of failure and the age of the vehicle or equipment, there are often several possible solutions to a given repair challenge.

As an authorized Bosch diesel specialist, we have the expertise and comprehensive experience to suggest the optimal solution for your specific needs, it might be a component repair or a replacement product depending on the actual component condition.

**Put your trust in us - the authorized Bosch Diesel Service workshop!**

### Some effects of sub-standard components:

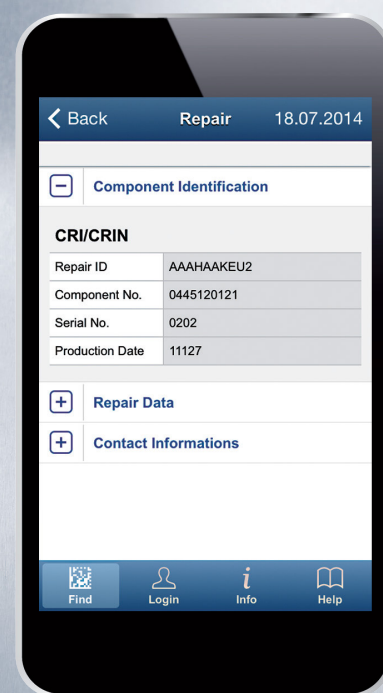
- ▶ Excessive fuel consumption
- ▶ Increased pollution
- ▶ Engine malfunction
- ▶ Clogging of the particle filter

All of these lead to additional costs that can be easily avoided by choosing an authorized Bosch diesel repairer.



Visible dirt traces and/or damages on the reused repair parts





Use the QualityScan app to scan the code and gain access to component data

## Diesel Repair Quality Transparent Documentation

Scan the repair ID on the diesel component using the QualityScan app or visit the QualityScan website

### Quality is our highest priority!

QualityScan Application allows you to quickly and easily have the repair quality and information of your Fuel Injection Pumps & Injectors confirmed by Bosch. Only components repaired by a certified Bosch Diesel workshop can be registered into the QualityScan system, after they pass strict quality tests.

**In 2017, BDS-AI Salehi became the first and only Bosch Diesel Service station in the Middle East region certified by Bosch with a “special proof of quality repair”.**

To enjoy the benefits, download the QualityScan App free of charge from the Apple Store or Google Play Store and install it. Then look for the special marking and simply scan the code (Repair ID) of your Bosch diesel component repaired by BDS-AI Salehi to retrieve valuable information about the repaired product. Alternatively, you can access component data by entering the repair ID on the QualityScan website.

### See for yourself

Download the free Bosch QualityScan app

For iOS:  
[store.apple.com/de](https://store.apple.com/de)



Your link to the Bosch QualityScan website:  
<http://qualityscan.bosch-automotive.com>

For Android:  
[play.google.com](https://play.google.com)



1. Download the app and install it
2. Scan the code on the component
3. Display the component data



## Offering variety of fuel injection systems-related services to meet all your needs



## CAT diesel fuel system - Troubleshooting & Repair

With the use of upgraded Test Benches and Diagnostic Tools for Caterpillar diesel fuel injection system components

To address the requirements of CAT equipment owners and end-users, BDS-Al Salehi made a strategic move—an investment necessary to provide the best maintenance, troubleshooting and repair services of CAT Fuel Pumps and Injectors.

Our trained and experienced technicians combined with having the test benches designed for Caterpillar Fuel Pumps and Injectors, we offer complete solutions for testing and repairing Caterpillar fuel injection system components.

**We always aim to provide the highest standard of service, fast and efficient!**





# Advanced Repair process for Caterpillar EUI & HEUI fuel systems

Capable and Equipped, Extensive and Precise

Caterpillar **Electronically-controlled Unit Injector (EUI)** and the **Hydraulic Electric Unit Injector (HEUI)** technologies have evolved and progressed over the years.

Troubleshooting and well-defined testing procedures are needed to comply as per specifications and to optimize the engine performance.

Caterpillar EUI/ HEUI Injectors are repaired based on micron level measurements. We have the most advanced repair process to precisely determine and measure the thickness of the adjustment shims in micron-millimeters degree in order to calibrate these type of Injectors with seamless accuracy.

We are confident that we can adapt to possible changes and improvements of Caterpillar diesel fuel injection systems in the future.

**We do not compromise on quality of work. Extensive checking procedure is exerted—Accuracy is everything!**



Preparing for the future with confidence, we always consider how and where BDS-Al Salehi is working over the long term, defining the key technologies and areas necessary to meet our customers' needs and sustain our competitive advantage in the market for Diesel Fuel Injection industry.

**So whenever your Caterpillar machine or equipment breaks down and you want it to get repaired by trained professionals, you know the way!**

# Multi-brand Diagnostic Tools & Test Equipments

To provide the services you  
need & quality you deserve

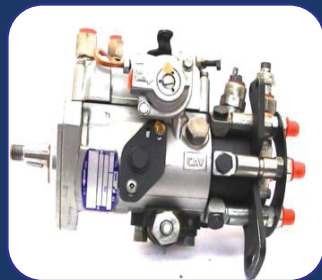
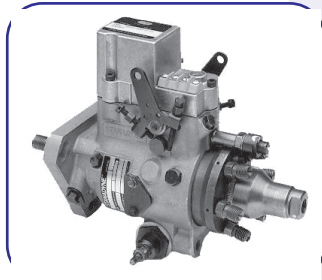
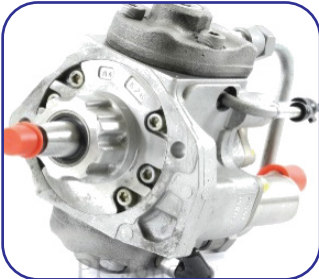
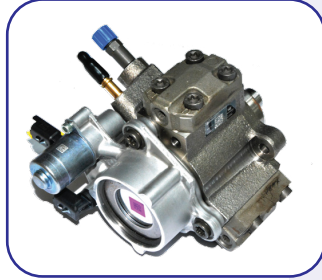
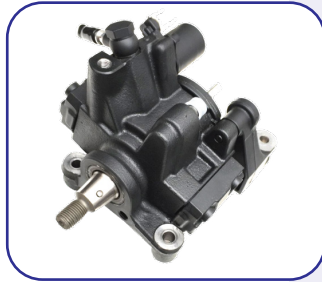
We offer sales and service for all brands of Diesel Fuel Injection systems. The unique combination of the comprehensive services for broad product lines gives us an advantage in the market. More importantly, it provides our customers in different sectors with unique benefits.

With the use of **multi-brand** Diagnostic Tools and Test Equipments, special repair and test methods, and having the trained technicians, we are committed to repairing, reconditioning and calibrating your diesel component with innovative and cost-effective solutions.

The brands we represent are Bosch, Delphi, Continental-VDO, and Asimco-BYC for which we are an authorized service center.

Aside from the above dealerships, we also stock spare parts and repair other renowned brands such as:

- ▶ Caterpillar
- ▶ Denso
- ▶ Stanadyne
- ▶ MTU
- ▶ Motorpal
- ▶ L'Orange
- ▶ Woodward
- ▶ Yanmar







## Asimco-BYC Technical Support & Repair Service

Warranty, Service maintenance, and complete Repair

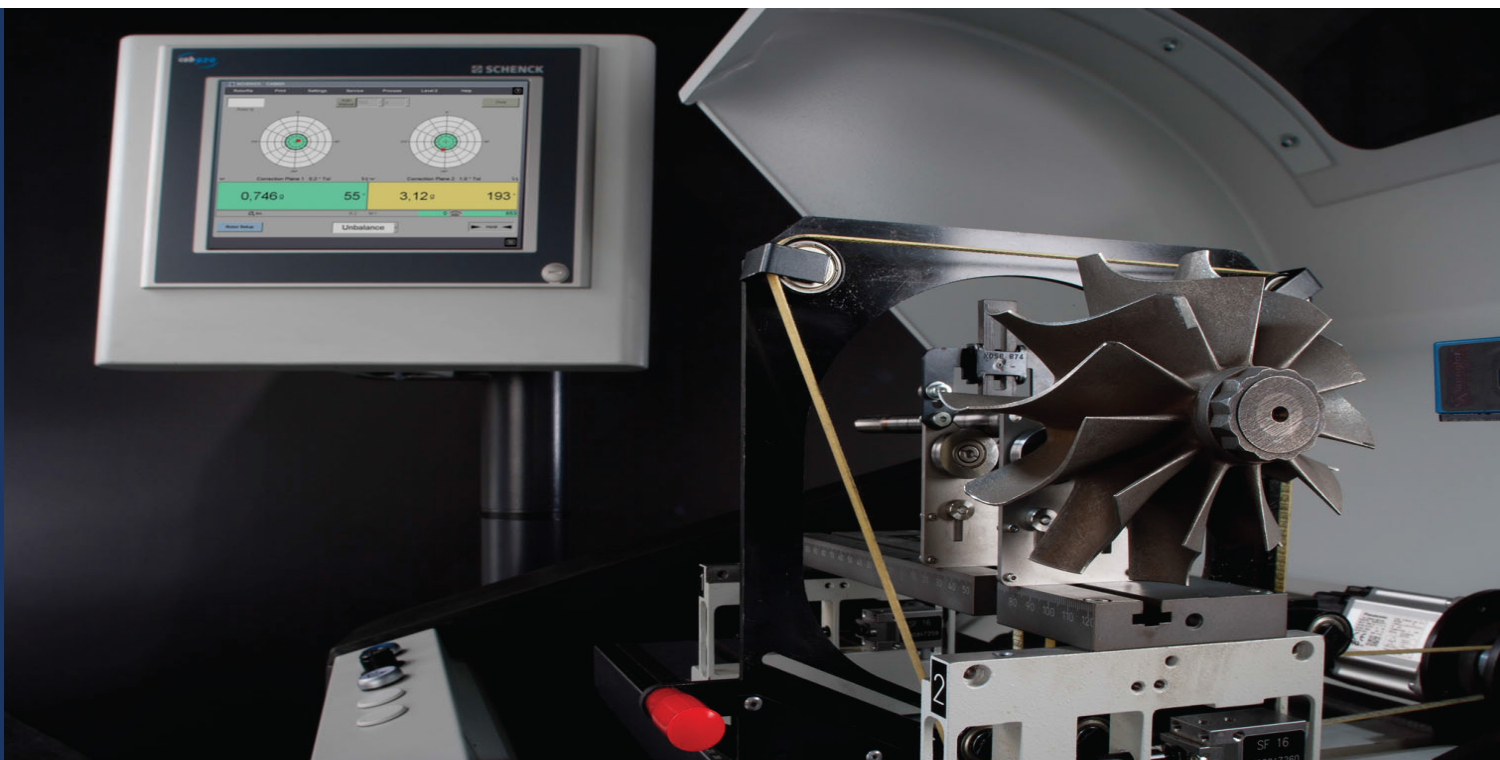
With the continuous effort of maintaining our competency aiming to be the one-stop solution provider for all Diesel Fuel Injection system requirements, we have developed our diesel repair capability. As such, we are proud to be known as certified and authorized Asimco-BYC Diesel Service Station in the UAE since 2015.

Asimco-BYC Technologies is renowned as one of the leading automotive companies that designs and manufactures Diesel Fuel Injection system components, turbocharger and other automotive products for diesel engine manufacturers in China.

Through this strategic partnership, we are now able to extend our technical support to the end-users of BYC Diesel Fuel Injection components whether Warranty, Service maintenance or Repair-related concerns.







## Turbocharger Repair & Exchange Program

In a new fully-equipped facility for Test, Repair, & Recondition

BDS-AI Salehi has continued to diversify to keep up with market demand and trends. Thus, we have recently invested on Turbocharger Repair and Exchange Program—a new addition to our products and services portfolio.

### ► Turbocharger Servicing

If Turbocharger major components evaluation result for parts such as Shaft, Rotor, Compressor wheel, Back Plate and Bearing housing are found to be good and can be reused, Servicing is considered.

### ► CHRA Replacing

If evaluation of the turbine & exhaust housing result is good but the Shaft and Rotor, Compressor wheel, Back plate or Bearing housing are found to be worn-out thus cannot be reused, a New or Reman CHRA will be recommended.

### ► Reman Turbocharger

If all major components are identified as worn-out, Reconditioned Turbocharger with Warranty will be offered to replace the old unit.



Turbocharger Exchange program  
to ensure age relevant repairs and to help save resources



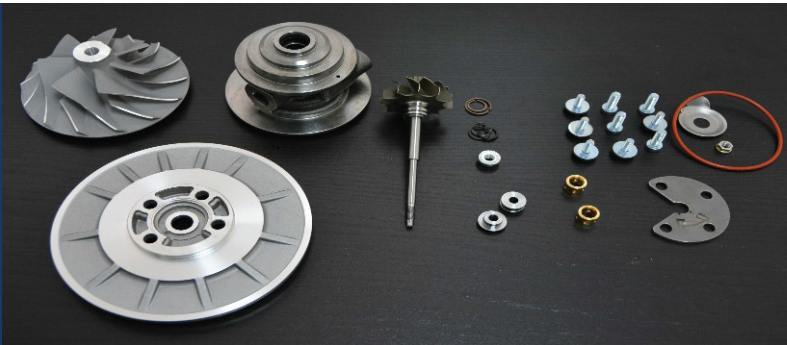


In repairing a Turbocharger, cleaning equipment, spare parts and balancing machines are required. Balancing ensures perfectly smooth running, quality and reliability comparable to that of a new part. With the right know-how and suitable equipment, turbochargers can be repaired to as new condition.

### Balancing plays an important role in repairing Turbochargers

Turbochargers operate at speeds of 180,000 to 250,000 RPM, while small ones even achieve speeds of 300,000 RPM. At such speeds, even the smallest unbalances could cause evident vibrations, which manifest themselves in very loud noises and place a great deal of stress on the bearings.

The permissible tolerance is only a few thousandths of a gram—therefore highly sophisticated measures are required when repairing high-quality turbochargers in order to ensure smooth operation and a long service life.



**The Sandblast cleaning process** removes metal oxide, rusts and eliminates external injuries in the metal.



**The use of Ultrasonic Cleaner** provides an intense cleaning action such as grease removal, decarbonizing, paint stripping, deoxidizing and in a short period of time, dirt are eliminated.





## Top quality service for all diesel vehicles

### Diagnosis, component testing and repair

Using state-of-the-art testing and diagnostic equipment, our trained Service Engineers and Technicians ensure the efficient operation of your vehicles, diesel machines and equipment and take preventive action to stop minor issues developing into major repairs.

#### Expert diagnosis

Our experts identify the root cause of any Diesel failure quickly and accurately using advanced diagnostic equipment. At the same time, we can spot any potential issues before they become actual problems.

#### Component testing

Once the defective component has been identified, we thoroughly test it to determine precisely where the fault lies. In many cases, it is not necessary to replace the entire component.

#### Component repair

Rather than simply replacing faulty components, in many cases, we can repair them based on the reliable Repair Guidelines with the use of certified equipment and genuine spare parts. Not only does it save you money, it also helps you to **reduce** waste and **save** resources.



**Bosch KTS Truck:** Tests truck sensors and internally monitor the ECU diagnostic communications so it can recognize faults in the ECU and diagnose truck electronics.



**Caterpillar Electronic Technician (Cat ET):** A diagnostic software used to communicate, diagnose and service electronically-controlled Caterpillar engines and machines. When connected to an Electronic Control Module (ECM), the technician has the ability to diagnose existing and potential problems, configure the product, and obtain data for analysis.



**HINO-DXII:** A diagnostic system designed for HINO vehicles to accurately diagnose the cause of the problem.



**Volvo Premium Tech Tool (PTT):** A windows-based diagnostic application specially designed to test, calibrate and program engine parameters.



**Cummins Insite:** A PC-based software application that provides quick and easy access to engine's electronic performance information which enables faster service turnaround time.



**CNH Electronic Service Tool:** A diagnostic tool for all Case, New Holland, Iveco and FPT engines.





## Extensive Spare parts Inventory

To serve our customers the right part,  
at the right time, at the right price.

The wide-range supplier network allows us to offer our customers with competitive market pricing and ready spare parts available whenever required.

We maintain professional storekeeping, regular forecasting, constantly analyzing stock movement, and ensure adequate and timely supply under proper requisition and demand.

The investment to maintain a more reliable Inventory Management system and efficient Supply Chain management allows us to keep up with the diverse customer needs and serve them quickly thereby minimizing vehicle or equipment downtime and meet their expectations!

To ensure quality repair, we recommend that only parts and components of the highest standard are used.







## Al Salehi Machinery & Equipment Repairing

is an authorized Bosch Diesel Service Center, a Contract Partner of Robert Bosch GmbH, internationally known for its modern innovations and unrivalled quality products.

The company was established in October 2007 in Dubai, yet the company's legacy of experience in the industry goes back in 1980 as a family business. Hence, it offers more than 40 years combined experience in Diesel Fuel Injection systems. With the ever-changing and rising demand in the UAE for a state-of-the-art diesel workshop able to repair and calibrate components of new diesel technology particularly the Common-rail System, Behzad Salehi has ventured in Dubai an authorized Bosch Diesel Service station.

Al Salehi is the first Bosch Diesel Service Centre to provide the unique service of repairing Common-rail system in the GCC recognized by Robert Bosch GmbH. It has also acquired dealerships with other renowned brands such as Asimco-BYC, VDO, Delphi Technologies, and some more.

We provide the highest standard of service at competitive rates, test and repair of the conventional-types and modern Diesel Fuel Injection systems. We constantly invest in the latest repair technology to be able to effectively complete repairs and diagnose faults quickly and efficiently.

Today, Al Salehi is not only a renowned Bosch Diesel Service station but also constantly evolving in the Diesel Fuel Injection systems service industry aiming to be the one-stop service provider in a global scale "Driven by Innovation and Quality".





## The Company is managed by **Behzad Salehi**

**2016**

Stanadyne Master Trainer  
Stanadyne - Windsor,  
Connecticut, USA

**2012**

Certificate for Bosch Training  
Course on CRI & CRIN Repair Stage-3  
Middlesex, United Kingdom

**2007**

State-certified Engineer  
for Automotive Industry  
Technical College for Engineering  
Hannover, Germany

**2007**

Master of Automotive  
Chamber of Crafts  
Hannover, Germany

**2003**

Bosch Diesel Technician  
Robert Bosch GmbH  
Stuttgart, Germany

**2000**

Automotive Electrician  
Bosch Maurer  
Hannover, Germany

## Zertifikat





To

Mr. Behzad Salehi  
General Manager

Al Salehi Machinery & Equipment  
Repairing

Dubai

Robert Bosch Middle East FZE  
Dubai Airport Free Zone  
West Wing 6B, Office 535  
PO-Box 54307  
Dubai, U.A.E.  
Tel +971 4 2996566  
Fax +971 4 2123388

Confirmation of authorization

4. Jan. 2008

To whom it may concern,

Hereby we confirm that Mr. Behzad Salehi Mezdeh with his in 2008 established Bosch Diesel Service Station, Al Salehi Machinery & Equipment Repairing, is a authorized Bosch Diesel Service. Mr. Salehi's company is the first authorized Bosch Diesel Service in the Middle East Region to repair Common Rail Systems, Common Rail Injectors and CR High Pressure Pumps according to the by Bosch given repair and service instructions.

At present Al Salehi Machinery & Equipment Repairing is the only Bosch Diesel Service in GCC to have the necessary, by our Bosch Diesel Factories required test equipment, service tools and diagnostic facilities to handle on behalf of Bosch all our warranty cases concerning Bosch Common Rail parts and systems.

Our Bosch Diesel Service Partner "Al Salehi Machinery & Equipment Repairing" is also able to repair and service all Bosch conventional and EDC (Electronic Diesel Control) systems, according to the Bosch service instructions.

For any further information or references you may contact our Bosch Regional Office in the Dubai Airport Free Zone.

Yours sincerely,



Regional Service Manager

ربرت بوش الشرق الأوسط م م ح  
Robert Bosch Middle East FZE  
P.O. Box : 54307 - DUBAI - U.A.E





## Your benefits at a glance

### Workshops:

Working with us brings you many valuable benefits. In addition to freeing-up time in your own workshop, being our partner increases the range of services you can offer to your customers.

- ▶ **We offer** you our professional technical support for advanced diesel diagnosis and component testing
- ▶ **Extend your range of services by Outsourcing and Choosing us** to take care of the maintenance and repairs of your customers' diesel components.
- ▶ **Partner with us** for handling technical warranty of Bosch Diesel components.
- ▶ **Free up your workshop space** for non-diesel vehicles by directing diesel-engine vehicles having fuel system failure to our facility for thorough diagnosis and repair

### Fleet and business customers:

Choosing to partner with us reduces your costs, simplifies fleet management and ensures that your diesel vehicles are always in perfect working condition whichever makes and models you run.

- ▶ **Reduce costs**—we can diagnose a problem right down to the precise component that is at fault, assuring you of the most cost-effective solution every time.
- ▶ **Avoid recurring defects** and unnecessary damage to your vehicles through professional repair and maintenance with the use of genuine parts and certified Bosch Test Equipment.
- ▶ **Reduce vehicle downtime** caused by fuel injection system failures by using our expertise in diagnosis, component repair and extensive parts on stock.
- ▶ **Save fuel** and don't worry about emission levels. We check to ensure your engine management system is in perfect working order every time

---

Complete peace of mind - we can take care of any diesel problem, regardless of the make and model of vehicle or equipment.





## The diesel professionals

### With you all the Way

- ▶ Available Customer Support team in various support channels
- ▶ Available Field Service Team (scheduled & emergency)
- ▶ In-house engineering and re-engineering capabilities
- ▶ Free delivery and collection service within the UAE
- ▶ End-to-end Logistics support for overseas customers
- ▶ Repair solutions that ensure peak performance & reduced costs
- ▶ Dedicated diesel service professionals offering guaranteed repair Quality—doing things right the first time!



To find out more about our range of services, please contact:



**Bosch Diesel Service**  
**Al Salehi Machinery & Equipment Repairing**

#### Head Office:

24B Street, Al Qusais, Industrial Area - 4  
PO Box 232096, Dubai- UAE

☎ 00971 - 4 - 267 6013

**Branch:** Dubai Investments Park 1, Dubai - UAE

☎ 00971 - 4 - 229 9924

☎ 00971 - 50 - 173 0168

✉ [boschservice@alsalehi.ae](mailto:boschservice@alsalehi.ae)

🌐 [www.boschservicedubai.com](http://www.boschservicedubai.com)

#### LOCATION MAP

