Kitronic®





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DQ200 DSG 7 MECHATRONIC REPAIR KIT

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Kitronic®

The Strongest Performance



Kitronic

CONTENTS

01 **ABOUT US**
Mission & Vision.

02 **About Kitronic DSG 7 DQ200 Mechatronic Repair Kit**
Advantages & Solved Malfunctions.

03 **DSG 7 Mechatronic Repair Kit - YMZ 110**
Advantages & Package Content.

04 **DSG 7 Mechatronic Torx Repair Kit - YMZ 111**
Advantages & Package Content.

05 **DSG 7 OEM REPAIR KITS – YMZ 112**
Advantages & Package Content.

06 **Other DQ200 DSG 7 Gearbox Products**
Mechatronic Valve Body (Aluminum Plate), Mechatronic Sump Cover & Front Cover Gasket.

07 **Other DQ200 DSG 7 Gearbox Products**
Mechatronic Gasket Kit & K1/K2 Piston Rod Set.

08 **DSG 7 Mechatronic Spare Parts**
Overhaul Repair Kit, Oil Filter, Separator Plate, Front Cover Gasket & Gasket (Seal) Kit.

09 Mechatronic Unit Screw Set, Mechatronic Plate Screw Set, Reverse Shift Fork Slide & Sleeve Cylinder.

10 Pressure Measurement Apparatus, Oil Refilling Tank, Mechatronic Stand, Piston Adjustment Apparatus & Clutch Measurement Apparatus.

11 **DSG 7 Mechatronic Testing Device**
Desktop Transmission Tester, User-Friendly Interface, 360° Mechanism, Automatic & Manual Gear Change Testing.

Mechatronic Test Procedures, Manual & Automatic Test Modes, Pressure Testing & Valve Cleaning Functions.



Kitronic
ABOUT THE COMPANY

"The success story of our company dates **back to 2011**, when our team of experts produced the first experimental samples of **DSG7 DQ200** Repair Kit products. The theoretical knowledge and the technical expertise we gained over the years enabled us to establish an internationally well known brand with innovative and high quality products."

"As a pioneering company committed to prioritizing customer satisfaction without compromising on quality in its products and services, we aim to contribute positively to society and the environment. We continue our activities with the goal of raising our achievements and expanding our services to a wider audience every day."

"Equipped with the necessary knowledge, team, and technology to fulfill commitments on time and without any shortcomings, our company aims to continuously enhance customer satisfaction."

Technical Support
We provide technical support for our partners around the hour

Accurate Delivery Time
We're dedicated to commit to delivery dates that were agreed on

International Shipping
We ship our products to almost everywhere in the world

Quality Control
All products are tested by our quality control department

KITRONIC | DSG 7 DQ200 REPAIR KIT



Kitronic DSG7 Repair Kit eliminates the chronic problems of aluminium plate cracking, breaking and loosening in all DQ200 DSG7 transmissions, as well as hydraulic accumulator failures, thanks to its first-quality steel material and smart engineering.

The repair kit **is READY to be installed in 30 minutes** without taking the mechatronics off the car and replacement of the mechatronics plate is **NOT needed.**

Chronic Problems & Principles of Operation

Since the original plate is made of aluminium alloy, its expansion coefficients are higher than that of the hydraulic accumulator, which is steel alloy. Therefore, when the transmission is exposed to operating heat, originally mounted aluminium plate may face **loosening problems** as aluminum expands more.

Mechatronics works between 42-60 bar, and this can cause **capillary or large cracks** due to stretching. As a result, the hydraulic pump motor works more and draws more current, which may lead to card failures.

As the 24 bar nitrogen gas sealing rings in the original hydraulic accumulator wear out over time, the nitrogen pressure inside hydraulic accumulator decreases eventually. Due to **pressure losses,** the life of the clutch lining is shortened. The vehicle does not display a fault code, although it does not function properly.

As a result of all these probable issues, the vehicle will have late reaction time especially in the mornings, **shake** while changing gears or may not even shift gears at all.

SOLUTION: KITRONIC REPAIR KIT

With new generation hydraulic accumulator developed by Kitronic, all these chronic malfunctions are eliminated once and for all. Kitronic Repair Kit offers a steel adaptor that is placed inside the aluminium plate and a new generation steel hydraulic accumulator with. Steel material is resistant to loosening & cracks and consequently there will be no pressure loss causing low performance.

SOLVED MALFUNCTIONS

P189C
Limited performance due to insufficient pressure rise; Play protection (unjustfield activation/deactivation)

P17BF
Malfunction in the hydraulic pump

P1895
Limitation of perfomance due to pressure drop

Suitable for the following modifications of the DSG 7 dq200 gearbox:

0AM 325 025 M Z1L
0AM 325 025 M Z2B
0AM 325 025 M Z2N
0AM 325 025K Z6D
0AM 325 025K Z6C
0AM 325 025K Z6T

Some of the suitable vehicles that have a DSG 7 speed gearbox:

VW PASSAT	AUDI A3
VW JETTA	SEAT IBIZA
VW GOLF	SEAT LEON
VW TIGUAN	SKODA FABIA
VW POLO	SKODA OCTAVIA
AUDI A1	SKODA SUPERB



PACKAGE CONTENT

- 1x Hydraulic accumulator
- 1x Cup (adapter)
- 2x O-ring + 1x Spare O-ring
- 1x Accumulator spanner
- Sent in a special bag and cardboard box.

2 Year Warranty

5 Year Pre-sales Support

DSG 7 MECHATRONIC REPAIR KIT - YMZ 110

MECHATRONIC REPAIR KIT

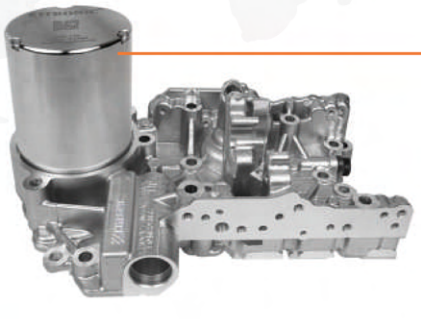
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DSG 7

Kitronic repair kit eliminates the P189C and P17BF malfunctions resulted from cracks in the hydraulic accumulator connection point. This repair kit addresses issues such as vibration and failure to shift gears after experiencing low hydraulic pressure.

- **Quality Material**
- **Fast & Easy Installation**
- **Long Lifespan**
- **Return Guarantee**





Can be installed easily without drilling or milling with the free spanner sent with the package.

PACKAGE CONTENT

- 1x Hydraulic accumulator
- 1x Cup (adapter)
- 2x O-ring + 1x Spare O-ring
- Sent in a special bag and cardboard box.



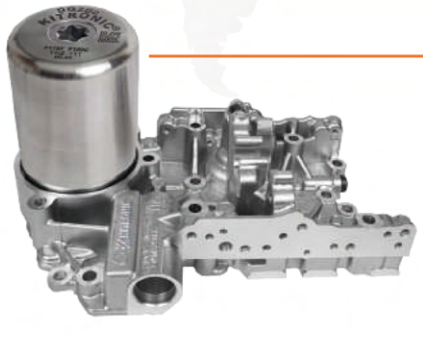
2 Year Warranty

5 Year Pre-sales Support

DSG 7 MECHATRONIC TORX REPAIR KIT - YMZ 111

Kitronic repair kit eliminates the P189C and P17BF malfunctions resulted from cracks in the hydraulic accumulator connection point. This repair kit addresses issues such as vibration and failure to shift gears after experiencing low hydraulic pressure.

- Quality Material
- Fast & Easy Installation
- Long Lifespan
- Return Guarantee





- Can be installed easily without drilling or milling with no need to any additional equipment.

MECHATRONIC TORX REPAIR KIT

Product Code: YMZ 111



DSG 7

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PACKAGE CONTENT

- 1x OEM Repair Kit
- 1x O-ring



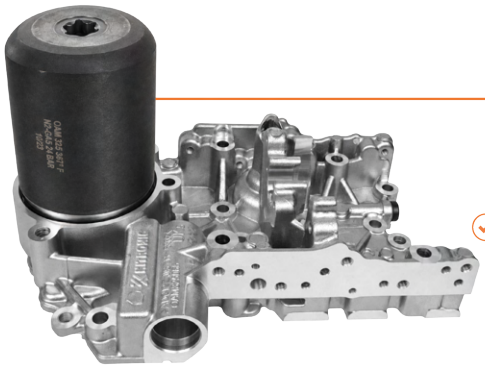
2 Year Warranty

5 Year Pre-sales Support

DSG 7 OEM REPAIR KIT - YMZ 112

Designed for DQ200 7-speed dry-clutch DSG transmissions, these REPAIR KIT support the hydraulic accumulator function, helping maintain mechatronic operating pressure at approximately 42–60 bar for smooth transmission operation.

- Quality Material
- Fast & Easy Installation
- Long Lifespan
- Return Guarantee





Can be installed easily without drilling or milling with no need to any additional equipment.

OEM Repair Kit

Product Code: YMZ 112



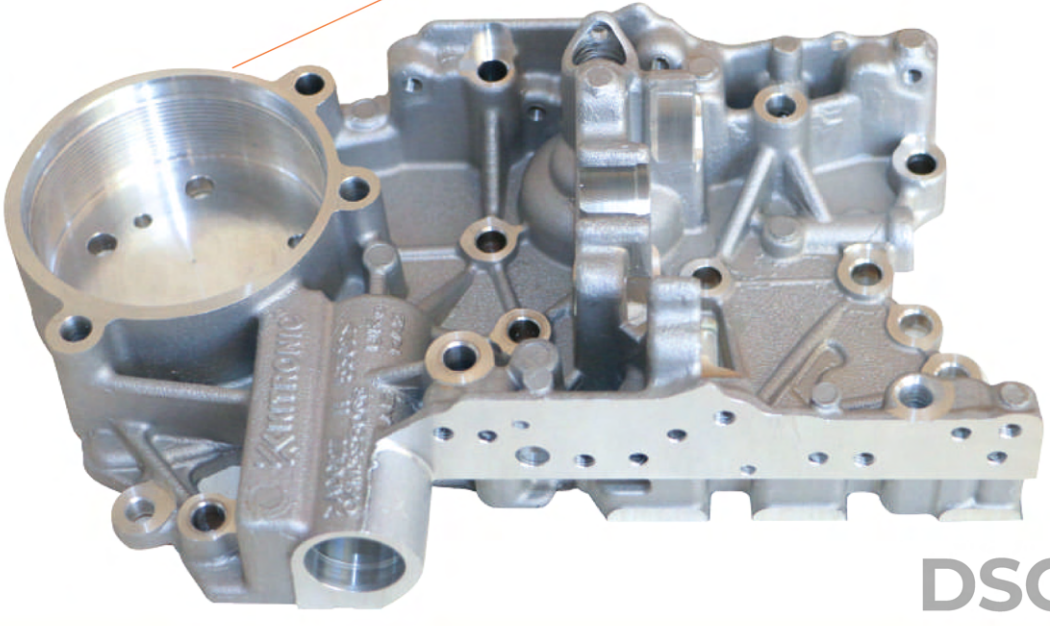
DSG 7

MECHATRONIC VALVE BODY

ALUMINYUM PLATE

Product Code: YMZ 121





DSG 7

FRONT COVER / OIL PAN

MECHATRONIC SUMP COVER

Product Code: YMZ 122

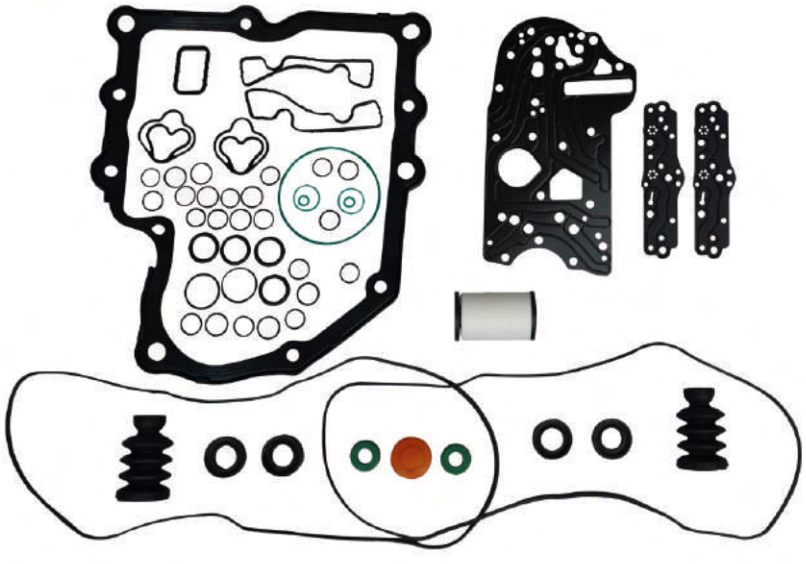




DSG 7

MECHATRONIC GASKET KIT

Product Code: YMZ 124



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DSG 7

K1 K2

PISTON ROD SET

Product Code: YMZ 130



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DSG 7

DSG 7 MECHATRONIC | SPARE PARTS

OVERHAUL REPAIR KIT

Product Code: YMZ 125





OIL FILTER

Product Code: YMZ 126



SEPERATOR PLATE

Product Code: YMZ 127



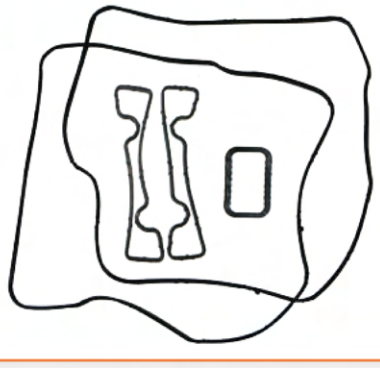
FRONT COVER GASKET

Product Code: YMZ 128



GASKET (SEAL) KIT

Product Code: YMZ 129



MECHATRONIC UNIT SCREW SET

Product Code: YMZ 208



WHT 001 922 (M8x90)



01X 301 127C (M8x35x30)



DSG7 DQ200

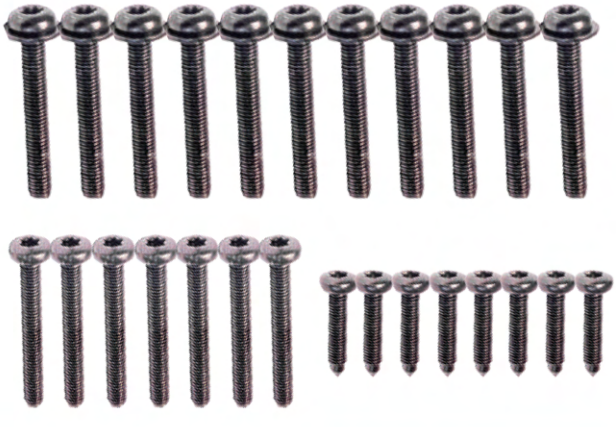
MECHATRONIC PLATE SCREW SET

Product Code: YMZ 209









DSG7 DQ200

REVERSE SHIFT
FORK SLIDE

Product Code: YMZ 123



SLEEVE CYLINDER

Product Code: YMZ 131



DSG 7 PRESSURE MEASUREMENT APARAT

Product Code: YMZ 132



DSG7 DQ200

DSG 7 OIL REFILLING TANK

Product Code: YMZ 133



DSG7 DQ200

DSG 7 MECHATRONIC STAND

Product Code: YMZ 134



DSG 7 PISTON ADJUSTMENT APARAT

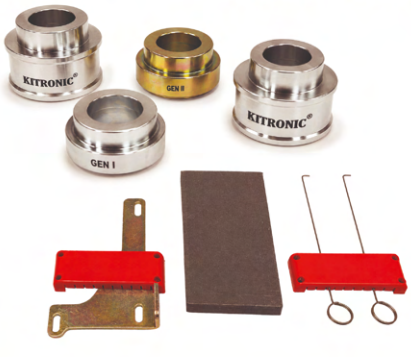
Product Code: YMZ 135



DSG 7 CLUTCH MEASUREMENT APARAT

Product Code: YMZ 136







KITRONIC | DSG 7 MECHATRONIC TESTING DEVICE



Package Contents

1- Tester
2- Mechatronic Test Cable
3- Valve Cleaning Socket Cable
4- USB Cable
5- Power Cable

Product Code:YMZ 141

The New Generation Kitronic DSG 7 Tester is a professional testing platform developed for fast, reliable, and accurate diagnosis of DSG mechatronic units. Compatible with desktop and laptop computers, it features an integrated oil management system, advanced sensor technology, hot testing capability, and automatic reporting functions to significantly accelerate fault diagnosis.

Its hot oil testing feature enables testing under real operating conditions, allowing accurate detection of temperature-related leaks, pressure losses, and solenoid performance issues.

New Generation Kitronic DSG 7 Tester

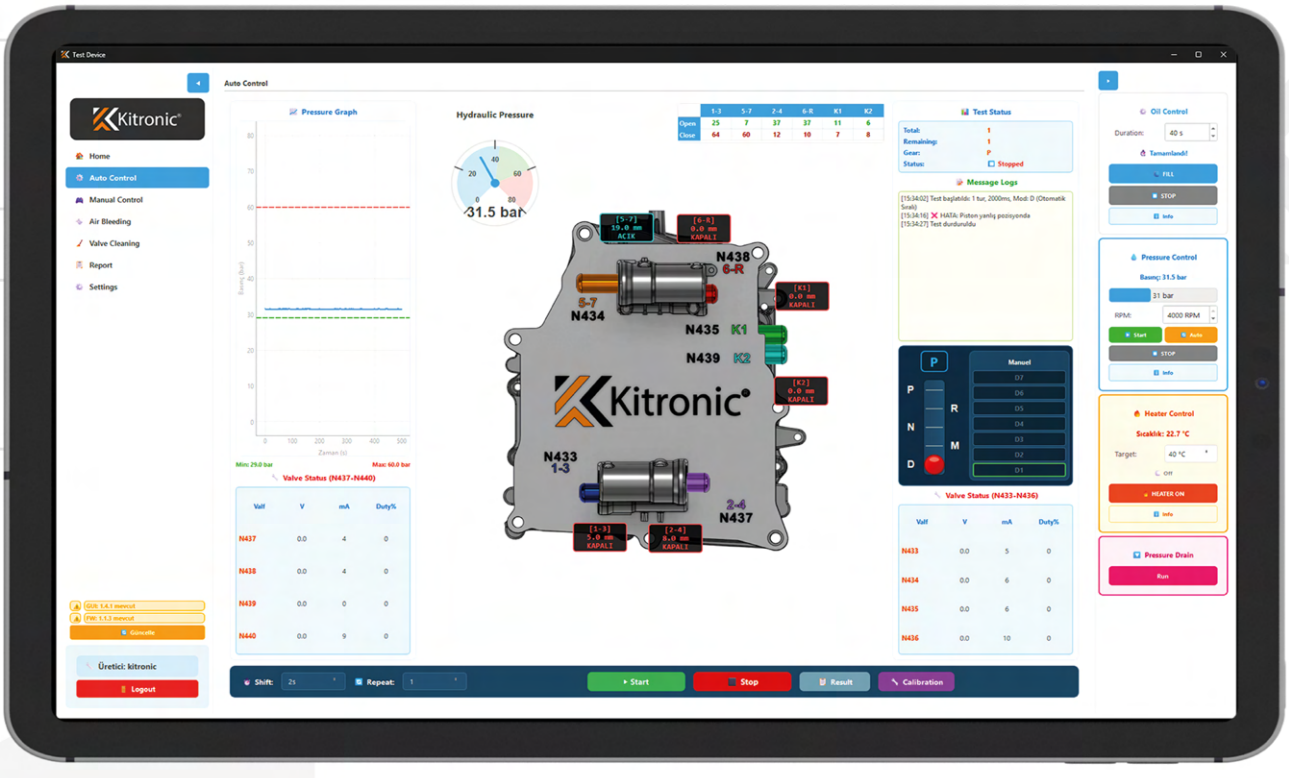
The New Generation Kitronic DSG 7 Tester is a professional testing platform designed for the analysis and fault diagnosis of DSG mechatronic units. Its integrated oil management system, advanced sensor technology, and automatic reporting functions provide fast and reliable testing. By heating the transmission oil, the tester simulates real operating conditions, enabling accurate detection of leaks, pressure losses, and solenoid performance issues. Manual control, automatic control, and live test screen functions allow comprehensive analysis of all critical mechatronic components.

AUTOMATIC GEAR CHANGE TESTING

MANUAL GEAR CHANGE TESTING

USER FREINDLY INTERFACE

360 DEGREE MECHANISM



1. Interface Screen

The user-friendly interface is designed to provide quick access to all testing and service operations.

✓ **Automatic Control** ✓ **Manual Control** ✓ **Air Bleeding** ✓ **Valve Cleaning**

This structure allows all testing procedures to be managed easily and efficiently from a single screen.

2. Manual Control

Manual Control mode allows each mechatronic component to be inspected individually.

The pump can be manually activated and its performance monitored.
Solenoids can be triggered individually to verify their operating conditions.
This enables fast and accurate identification of faulty components.

3. Automatic Control

Automatic Control mode performs a comprehensive **9-step testing procedure** for the mechatronic unit. Once the test is completed, the results are analyzed to identify possible faults within the mechatronic system.

9-Step Test Procedure

- ✓ **Electrical Test**
- ✓ **Semi-Leak Test (Stage 1)**
- ✓ **Semi-Leak Test (Stage 2)**
- ✓ **Pump Filling Test**
- ✓ **Piston Movement Test**
- ✓ **Valve Movement Test**
- ✓ **Calibration Test**
- ✓ **Gear Shift Test**
- ✓ **Automatic Report Generation**

At the end of all testing procedures, the system automatically generates a test report, which can be saved in **PDF format.** Test results can be archived, shared, and compared with previous records.



Our company believes in reliability, and we work hard to make this belief part of our company culture. We always aim to provide the best service possible, focusing on making our customers happy. Our goal is to keep moving forward with a smart plan that puts customer



Enjoy a more comfortable driving experience with our new generationDQ200 DSG7 Mechatronic Accumulator developed by Kitronic. You will feel the difference!

+90 332 502 81 80

info@kitronic.com.tr

COMPANY LOCATION

Fevzi Çakmak Mh. 10643. Sk. No:31 Karatay / Konya / Türkiye

www.kitronic.com.tr