

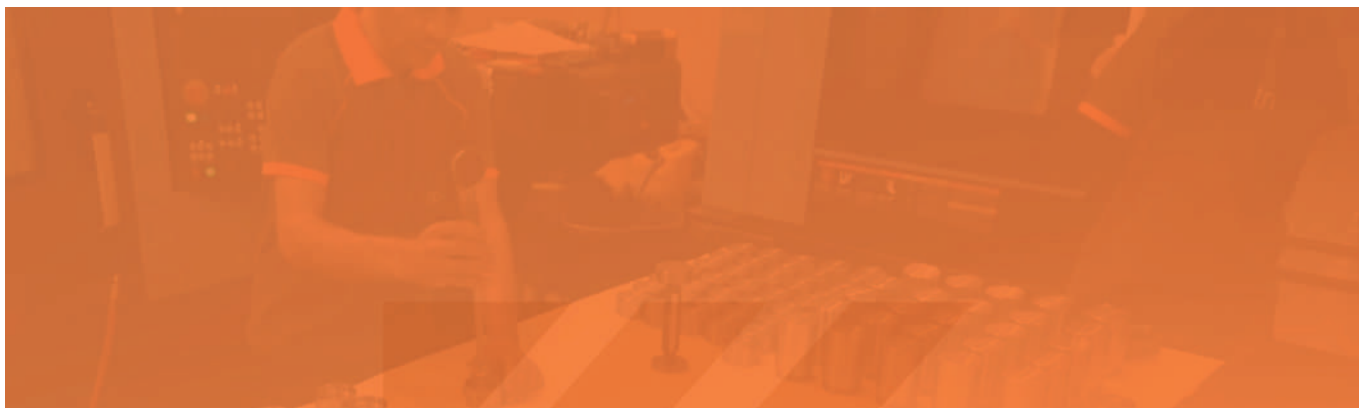


Kitronic®

DQ200 DSG 7 MECHATRONIC REPAIR KIT



www.dsgkitronic.com



Kitronic®

The Strongest Performance

 Kitronic®

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**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.

MISSION & VISION

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 (unjustified activation/deactivation)

P17BF

Malfunction in the hydraulic pump

P1895

Limitation of performance due to pressure drop

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

OAM 325 025 M Z1L
OAM 325 025 M Z2B
OAM 325 025 M Z2N
OAM 325 025K Z6D
OAM 325 025K Z6C
OAM 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 GEARBOX ACCUMULATOR - YMZ 110

HYDRAULIC ACCUMULATOR

Product Code: YMZ 110



DSG 7

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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



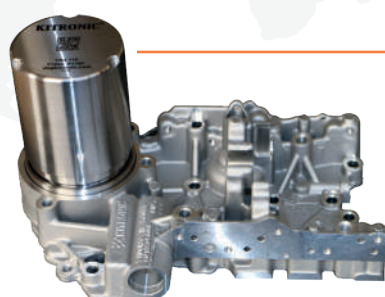
Fast & Easy Installation



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 GEARBOX ACCUMULATOR - 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



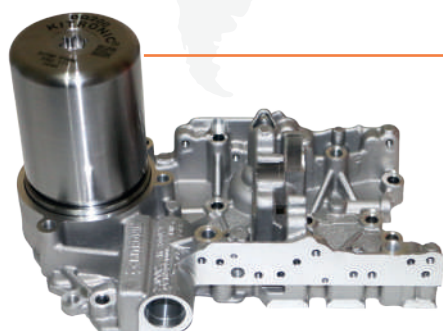
Fast & Easy Installation



Long Lifespan



Return Guarantee



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

HYDRAULIC ACCUMULATOR

Product Code: YMZ 111



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DSG7 MECHATRONIC CONTROL UNIT (TCU)

MECHATRONIC CONTROL UNIT

Product Code: YMZ 201



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High-quality materials: the control unit is made of high-quality plastic and metal, which are extremely robust and durable.

Superior performance: the control unit can replace the old or damaged, with fine workmanship, superior performance, stability and reliability, brings you a better driving experience.



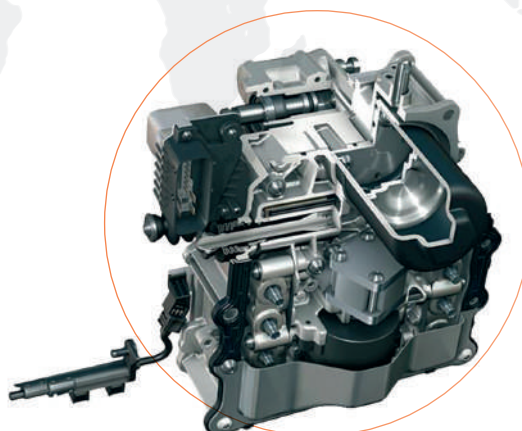
Faster gear
shifting



Less Fuel
Consumption

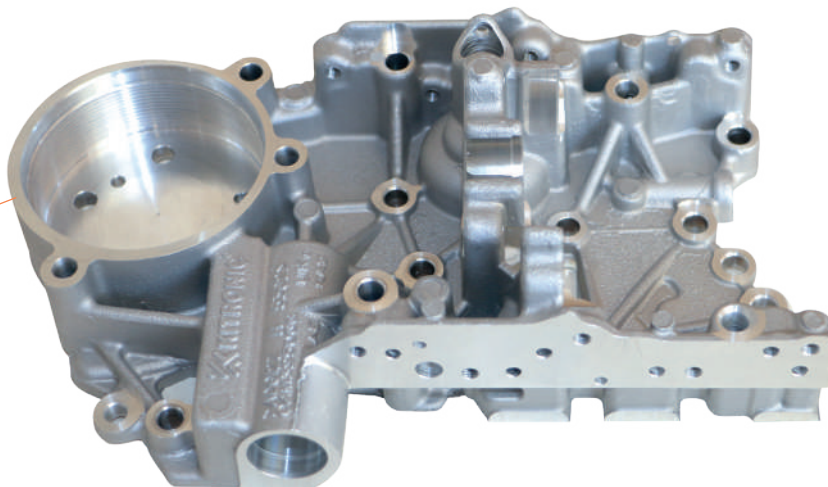


High
Performance



MECHATRONIC VALVE BODY (ALUMINUM PLATE)

Product Code: YMZ 121



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REVERSE SHIFT FORK SLIDE

Product Code: YMZ 123



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FRONT COVER / OIL PAN MECHATRONIC SUMP COVER

Product Code: YMZ 122



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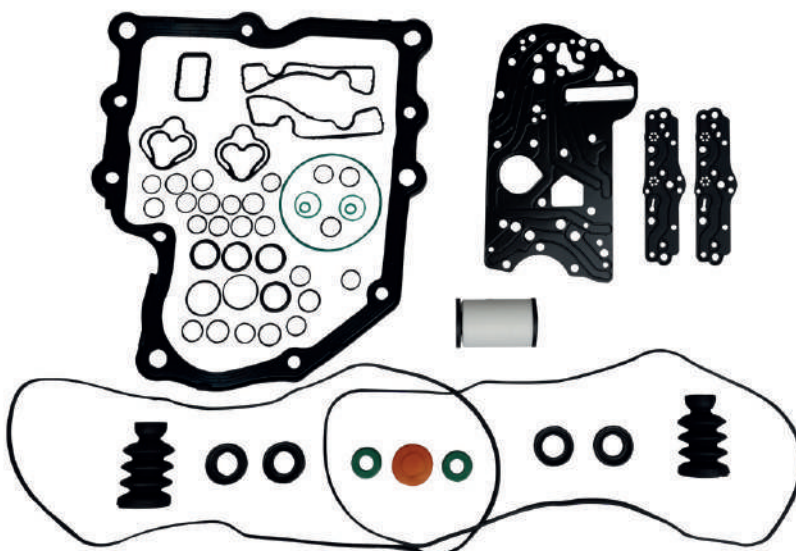


MECHATRONIC GASKET KIT

Product Code: YMZ 124

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K1 K2

PISTON ROD SET

Product Code: YMZ 130

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DSG 7 MECHATRONIC

SPARE PARTS



Transmission Adjustable **VALVE BODY PISTON ROD KIT**

Product Code: YMZ 125



OIL FILTER

Product Code: YMZ 126



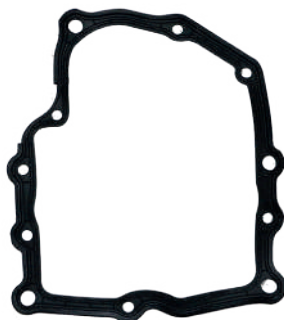
SEPERATOR PLATE

Product Code: YMZ 127



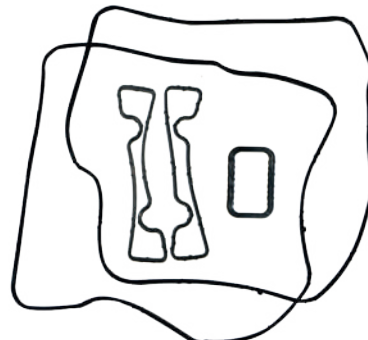
FRONT COVER GASKET

Product Code: YMZ 128



GASKET (SEAL) KIT

Product Code: YMZ 129





KITRONIC

DSG 7 MECHATRONIC TESTING DEVICE



The DSG-7 DQ200 Tester is a locally manufactured transmission test device developed by Kitronic. It allows for easy desktop testing of solenoids, gear shifting, pressure leaks, pump fill times, and solenoid cleaning operations of the DSG-7 DQ200 transmission model using an Android tablet or phone, without needing the vehicle.



**USER FREINDLY
INTERFACE**



**350 DEGREE
MECHANISM**



**AUTOMATIC GEAR
CHANGE TESTING**



**MANUAL GEAR
CHANGE TESTING**

PACHAGE CONTENT

- 1- Test Device
- 2- Mechatronic Test Cable
- 3- OBD TCU Connection Cable
- 4- Valve Cleaning Socket Cable
- 5- USB Cable
- 6- Power Cable





1- TCU TEST

The DSG Tester device can be easily connected to the TCU using the provided OBD socket. This allows for practical diagnosis and verification of the TCU's integrity and sensor functionality using a diagnostic tool.

2- MECHATRONIC TEST

To perform the mechatronic test, connect the cables to the mechatronic device and the Kitronic DSG Tester. Plug the device into an AC 220V outlet and turn it on. The connection LED will start blinking. Use the RemoteXY app on a tablet or phone to establish a Bluetooth connection. After selecting the language, you can switch to the Manual, Automatic, or Test screen to perform the tests.

Manuel Screen:

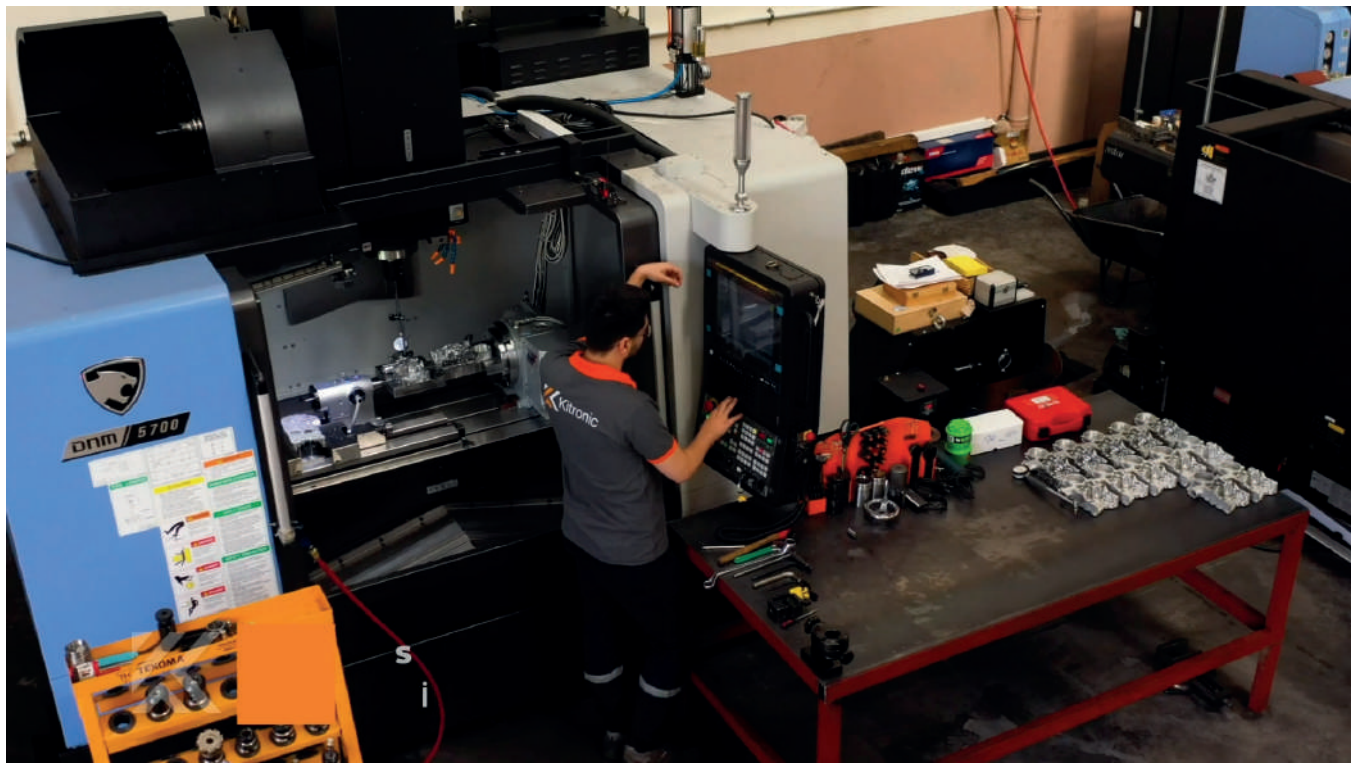
- * Manually operate the pump (up to 60 bar).
- * Check for leaks or faults in the solenoids by shifting gears.
- * Monitor the pressure in real-time.

Otomatik Screen:

- * View pressure, pressure graph, and test status information.
- * Set the number of test repetitions or perform a single test.
- * Automatically shift gears to check solenoid conditions.
- * At the end of the test, obtain pressure and pump performance data.

Test Screen:

- * Pressure Test: Increase pressure to 60 bar and measure the drop time.
- * Pressure Reset: Reset the mechatronic pressure.
- * Valve Test: Clean the valves to remove debris from the solenoids..





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DSG 110
P189C P17BF
dsigitronic.com
02123

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 generation DQ200 DSG7 Mechatronic Accumulator developed by Kitronic. You will feel the difference!



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COMPANY LOCATION

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