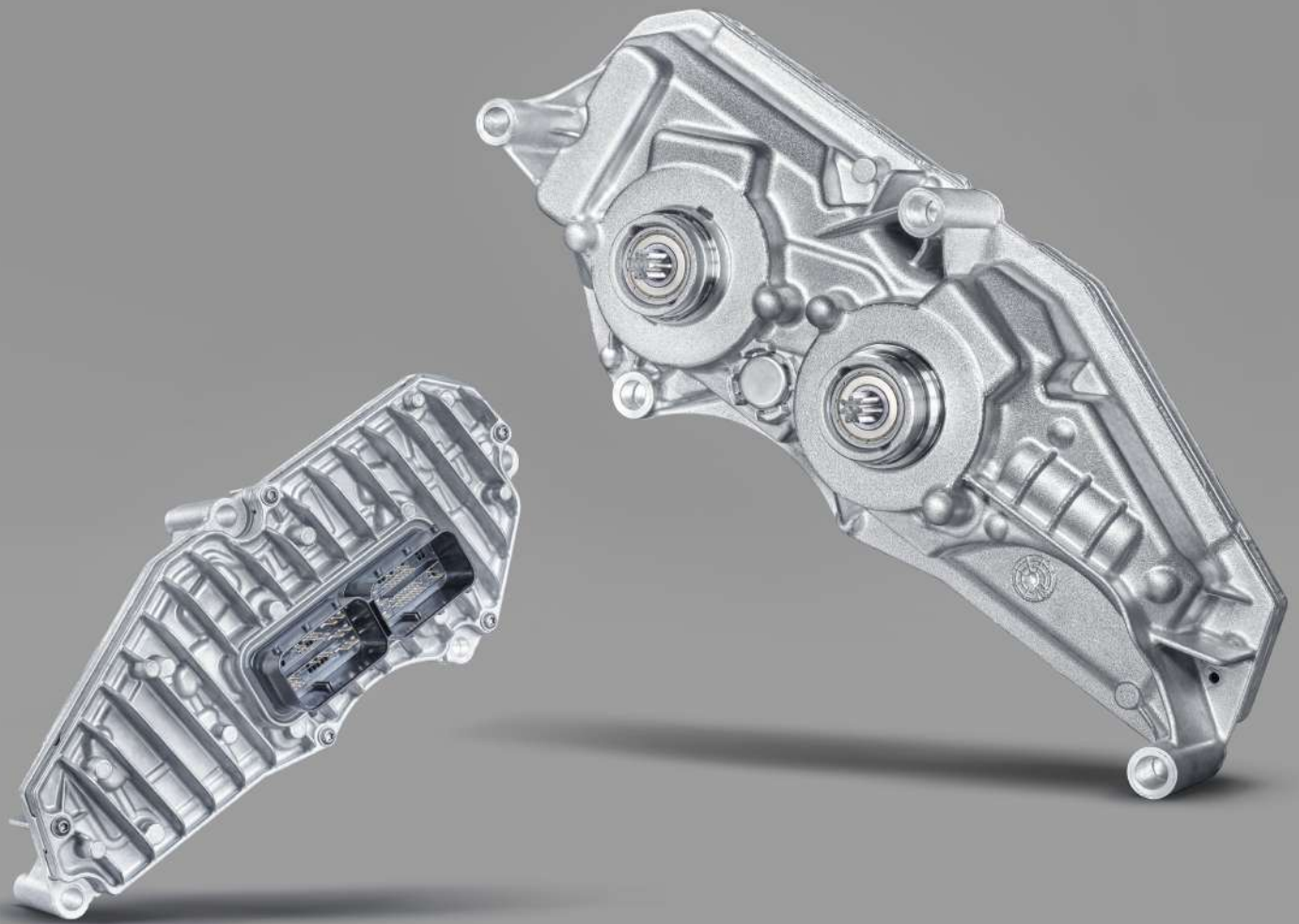




vitesco
TECHNOLOGIES

Transmission Control Unit Buyers Guide

Schaeffler Vitesco TCU Program Overview

We pioneer motion

SCHAEFFLER

SCHAEFFLER VITESCO INNOVATIVE PRODUCT SOLUTIONS

SCHAEFFLER VITESCO – ENGINE MANAGEMENT SYSTEMS | FUTURE READY PRODUCTS

For solutions that meet your needs today and tomorrow.



Products Now and for the Future

1

Trusted Brands

Vitesco Technologies is a globally recognized leader in powertrain electrification, backed by decades of engineering excellence and innovation. Its integration strengthens Schaeffler's position as a forward-thinking technology partner committed to quality and reliability.

2

Comprehensive Product Range

The integration of Vitesco expands Schaeffler's portfolio to include both conventional powertrain components and advanced electrification solutions. This offers customers access to a wide spectrum of technologies from a single trusted supplier with deep industry expertise.

3

Combined Strength

The integration positions Schaeffler and Vitesco to address future automotive challenges together, ensuring ongoing adaptability and resilience in a changing market.

4

Cutting-Edge Technology

Integrating Vitesco products into Schaeffler's VLS portfolio merges proven expertise with cutting-edge electric and hybrid drive technologies to address evolving market and environmental demands.

INTELLIGENT SHIFTING. COMFORTABLE DRIVING.



KEY BENEFITS

Schaeffler Vitesco Transmission Control Units (TCU)

INTELLIGENT SHIFTING

By monitoring driving conditions and precisely controlling the transmission, our TCUs ensure smooth, efficient gear changes, thereby improving driving comfort and performance.

PERFECT TEAMWORK

Dual-clutch transmission and TCU: Continuous monitoring and precise control of transmission functions increases overall system reliability, prevents wear, and ensures a long service life.

FROM SPORTY TO ECONOMICAL – ALWAYS PERFECTLY MATCHED

Optimized transmission control can help reduce fuel consumption and pollutant emissions, making it easier to comply with increasingly stringent emission standards.



Schaeffler Vitesco Transmission Control Units (TCU)

EXPERIENCE IN OE QUALITY

Schaeffler Vitesco Transmission Control Units (TCU) are the ideal addition to Schaeffler's broad Vehicle Lifetime Solutions portfolio. Whether fully integrated into the transmission or mounted separately, TCUs are an essential component of dual-clutch and other automated and automatic transmissions, as they monitor driving conditions and the transmission and control the shift functions. Based on many years of experience with repair solutions for dual-clutch transmissions, Schaeffler Vitesco TCUs ensure smooth shifting and seamless communication with the Engine Control Unit (ECU). Through precise control of the transmission, they optimize gear changes, reduce fuel consumption and emissions, increase system reliability, and extend the service life of the transmission.

FACTS & FIGURES

RELEVANT APPLICATIONS

The Schaeffler VLS product portfolio currently includes four TCUs suitable for the DQ200 dual-clutch transmission, which is used in various vehicle models from Volkswagen, Audi, Seat and Škoda.

ENORMOUS MARKET POTENTIAL

Wide range of applications in gasoline and diesel engines with over 28 million active vehicles (VIO) worldwide.

GROWING COVERAGE

Additional expansion of the portfolio planned.

NEW PRODUCT ANNOUNCEMENT

Transmission Control Unit

NEW TO MARKET - TCU001

Transmission Control Unit for Ford DKG250



- Vitesco Technologies is the OE supplier of the Transmission Control Unit (TCU) for the FORD DKG250 (Getrag).
- Schaeffler is the OE supplier of the Double Clutch and Actuators for the same transmission.
- This is the only solution for a new TCU as OE match to our exclusive 2CT for the same application in the market.
- The TCU001 is the exclusive new part available in the market - no core charge.

Catalog Number	Global Number	Applications	VIO
TCU001	590000110	Ford Focus/Fiesta/EcoSport 2011-19	1,624,612

LuK REPSET 2CT 07-233

Double Clutch Kit for Ford DKG250



EXPERIENCE THE LuK REPSET 2CT

The essential repair solution for dry double clutches.

With vehicle manufacturers adopting double clutch transmissions for better comfort and reduced emissions, Schaeffler provides a complete repair kit with OE quality components. Enjoy seamless installation with a reliable solution for your double clutch repair needs.



DOUBLE STRENGTH

For both dry and wet double clutches



PERFECT SYNERGY

Smooth compatibility cuts cut mixed-manufacturer issues



THE COMPLETE SOLUTION

All of the necessary components in one box



MARKET LEADER

From the makers of dependable LuK Clutches



OE QUALITY

Functionally tested and validated

THE PERFECT EXTENSION OF THE SCHAEFFLER VLS DCT PORTFOLIO

LuK REPSET 2CT DEVELOPMENT

Since its launch in 2011 the LuK RepSet 2CT portfolio has been a great success story!
The portfolio currently contains 23 repair solutions for dry and wet double clutch transmissions.



TRANSMISSION CONTROL UNIT BY VITESCO TECHNOLOGIES

Vitesco Technologies is the OE supplier of the Transmission Control Unit (TCU) for the FORD DKG250 (Getrag) & VW DQ200 Double Clutch Transmissions. Schaeffler is the OE supplier of the Double Clutch and Actuators for the same transmission. Schaeffler VLS has been very successful in the IAM with its exclusive LuK RepSet 2CT. Adding the TCU to this portfolio is an enrichment and solidifies the market leadership of Schaeffler VLS and ensures its future readiness.

OVERVIEW

Main functions:

- Control of clutch and shifts
- Actuate shifts

100% New product from the original equipment, serial production line.

- Competitively priced
- No Core

Unit must be programmed after installation

INFORMATION

OE Reference:

- Ford AE8P-14F085-AE

Applications:

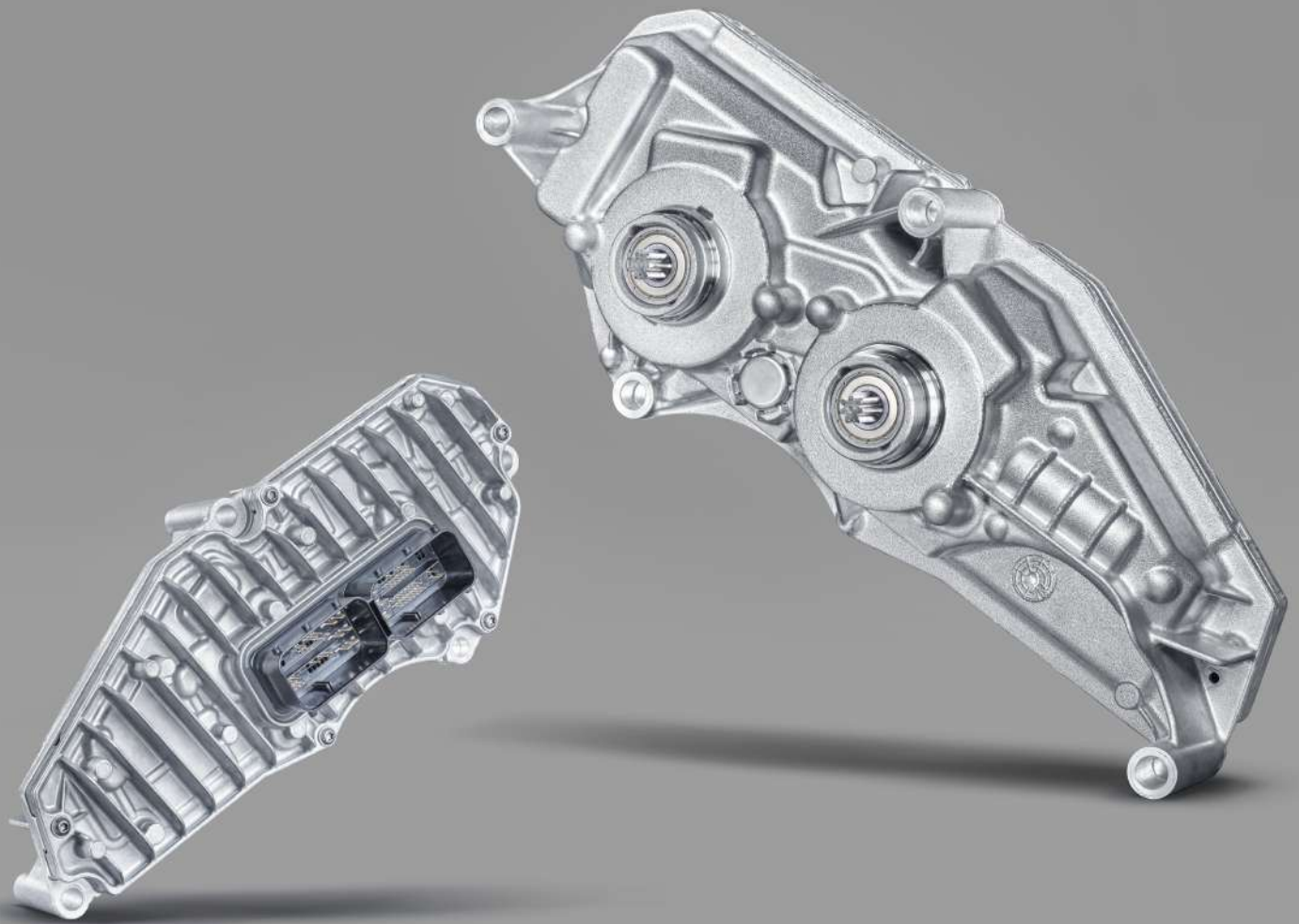
- Ford Focus, Fiesta, EcoSport 2.0L w/6 Spd DKG250 Gearbox 2011-18
- VIO (Vehicles in Operation): 1,674,487



THE ONLY TRUE OEM TECHNOLOGY ON THE MARKET



**FORD FOCUS, ECOSPORT & FIESTA
WITH THE DKG250 GEARBOX**



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TECHNOLOGIES

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