
Table of Contents

E90/E91 xDrive

Subject	Page
Introduction	3
Drivetrain	4
Engines	4
xDrive All-Wheel-Drive System	4

E90/E91 xDrive

Model: 325xi, 325xiT, 330xi

Production: All

OBJECTIVES

After completion of this module you will be able to:

- Familiarize yourself with the changes to the E90/E91 xDrive

Introduction

The new 3 Series Sports Wagon satisfies the standards of style, flexibility and performance - far in excess of sheer driving pleasure. It combines first class driving dynamics with versatile functionality.

It will be introduced in the US as a 325xiT in September 2005. Variants will be available in March 2006.

The technical basis of the E91 is the E90, the 3 Series Sedan, with which the Sports wagon is virtually identical up to the B-pillar. Therefore, what has already been said about the 3 Series Sedan also applies to the Sports Wagon: It is - when compared with the previous model (E46) - stronger and bigger, and the E91 has above all become more functional.

Like the Sedan, the E91 has sporty proportions thanks to its long engine bonnet and a striking swage line rising along the entire side of the car as an expression of powerful dynamics.

The roof line of the Sports Wagon is like a Coupé and the roof spoiler is integrated in these lines. Roof rails are standard.



Drivetrain

Engines

Initially the E91 Sports Wagon will only be offered as a 325xiT with later configurations to follow.

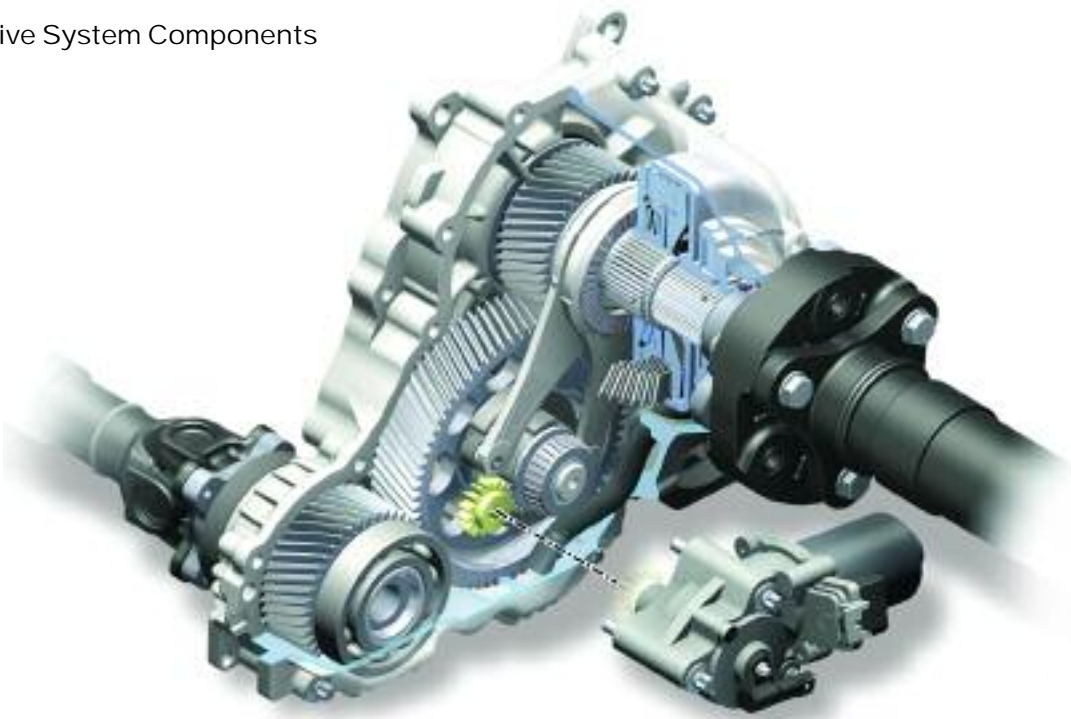
The new BMW N52-generation inline six cylinder engines deliver incomparable agility with more power but less weight and lower fuel consumption. VALVETRONIC and double VANOS are additional features of this engine which, in the E91 as already in the E90, is combined exclusively with 6-speed gearboxes.

xDrive All-Wheel-Drive System

Initially the E91 Sports Wagon will only be offered in an all wheel drive version. At the same time, the all-wheel-drive system will also be making its debut in the new 3 Series Sedan (September 2005).

The system and function are already familiar from the X3, X5 and 5 Series. Some components such as e.g. the propeller shafts have been geometrically adapted to the altered space conditions in the 3 Series.

xDrive System Components



Towing: Use only a flatbed carrier for all xDrive vehicles!