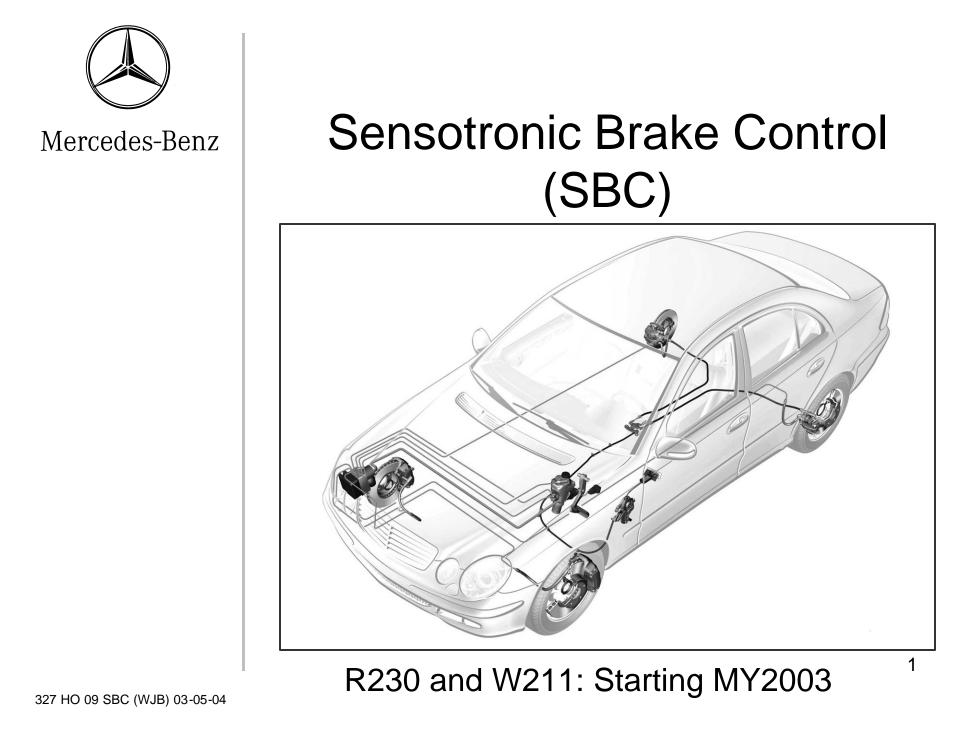
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Objectives

At the end of this presentation, you should be able to:

- 1. Explain the function of and purpose for SBC
- 2. Describe the customer interface with SBC
- 3. List the hydraulic and electronic components used for SBC
- 4. Describe how the "normal" feel of the brake pedal is maintained
- 5. Explain emergency operation of the SBC braking system
- 6. Describe "temperature compensation"
- 7. Explain "Deactivation" and describe when it is necessary to do it
- 8. "Activate" the SBC system
- 9. Locate tools and the proper procedure for bleeding brakes

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SBC Incorporates these Functions:

ABS (Anti lock Brakes 1984)

- + ASR (Automatic Slip Regulation 1991)
- + ETS (Electronic Traction System 1995)
- + ESP (Electronic Stability Program 1996)
- + BAS (Brake Assist System 1998)

Advantages of SBC

- Improves metering of required brake pressure
 - each wheel can be precisely controlled
- Improved BAS function
 - monitors release of accelerator pedal and application of brake
 - maximum pressure available immediately
 - pre-filling of system (overcoming play)
 - when the BAS function is anticipated, slight pressure is applied