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Product Name :
Vehicle Dynamics Control Proline

Product Code :
LBNY-0005-120000132



Description :

The fully functional brake system brakes the individual wheels depending on operating and control conditions. Regular braking, ABS, ASR, EDS, ESP or individual wheels. With this teaching and training rig all functions and processes, errors and measuring values can be demonstrated and examined as they are in the original brake system with vehicle dynamics control. The required power supply, wiring and component configuration are already integrated into the system and preset, ready for operation. All original parts and required components are clearly arranged in the IPO-principle on the color printed front panel. This means the system can be put into operation immediately upon setup.

Features:

Measuring of all relevant parts and components in the central circuit diagram measuring field
Vehicle dynamics control, original Golf VI components, with electromechanical power steering
Steering intervention of the ESP in the electromechanical steering with parallel axis drive is represented very vividly
Speed adjustment from 0-60 km/h can be set continuously
Can be diagnosed via OBD interface
Arrangement in the IPO principle: input - processing - output
Acceleration and brake force transfer values can be set separately for each wheel
Values for steering angle and brake pressure can be read on digital display units. The brake and the wheel speeds are shown for each wheel with digital color displays.
ESP functions are indicated to the vehicle dynamics controller by the CAN-BUS via steering wheel and steering angle encoder
Skidding simulation with and without brake intervention
Connection for student circuit diagram measuring desks

Compact device build, mobile, for lab and workshop practice
Fault circuit, lockable by a lid.

Technical Specification :

Dimensions: W x D x H: 141 x 70x 193 cm

Power supply: 400 V, 16 A

Weight: about 185 kg.



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