

# Clutch Control

superior control  
with longer life



- Reduced pedal force increases **DRIVER COMFORT**
- Safer and more **EFFICIENT** gearshift operation
- Reduced drive train noise for **QUIETER** vehicle operation
- Installation and maintenance **COST SAVINGS**
- Proven endurance and **RELIABILITY**



# WABCO



### SUPERIOR CONTROL WITH LONGER LIFE

Increasing engine torque leads to higher actuation forces which impacts maintenance costs and reduces the life of clutch components.

Turn to WABCO, the technology leader in clutch control products, and you'll benefit from an advanced assisted clutch actuation solution, which is backed by 40 years of experience in developing and manufacturing reliable clutch control systems.

### SOLUTIONS TAILORED TO YOUR REQUIREMENTS

Choose WABCO Clutch Control and your options become wide open. Master cylinders and servo masters easily adapt to your design requirements. Slave cylinders work with lower force requirements or in combination with a servo master. Clutch servos are offered in many variants that cover all kinds of force, stroke and interface requirements.

### CHOOSE WABCO CLUTCH CONTROL AND BENEFIT FROM:

- Increased savings on installation costs; minimal fixings; no need for mechanical linkages or adjustments
- Quieter drive train due to hydraulic technology that de-couples the cabin from the transmission
- Smoother pedal use with pneumatic assistance where needed
- Lower maintenance costs with a maintenance-free hydraulic system
- Safer and better gear shifting
- WABCO's 40 years of experience in providing highly reliable, best in class and long lasting clutch controls

WABCO Vehicle Control Systems (NYSE: WBC) is a leading supplier of safety and control systems for commercial vehicles. For over 140 years, WABCO has pioneered breakthrough electronic, mechanical and mechatronic technologies for braking, stability, and transmission automation systems supplied to the world's leading commercial truck, trailer, and bus manufacturers. With sales of \$1.5 billion in 2009, WABCO is headquartered in Brussels, Belgium.

For more information, visit

[www.wabco-auto.com](http://www.wabco-auto.com)



#### ORDER CLUTCH CONTROL

Via your distributor:

[www.wabco-auto.com/findwabco](http://www.wabco-auto.com/findwabco)

When buying a WABCO product, please check that it contains the typical WABCO marks (particularly on the packaging, labels and identification plate) as evidence that it is an original WABCO part. In case you have any doubts, please contact us at [antipiracy@wabco-auto.com](mailto:antipiracy@wabco-auto.com).

#### Overview of clutch control applications covered by WABCO portfolio

Pedal unit on cab		Clutch bell housing
Master Cylinder	Pure hydraulic solution non-assisted	Slave Cylinder
Servo Master	Hydraulic solution assisted by pneumatic	Clutch Servo
No Pedal	Electro-pneumatic solution for automation	Electro-Pneumatic Actuator

