

Components for brake hydraulic, clutch hydraulic and dry brake

Brake hydraulic		Clutch hydraulic		Dry brake / cables	
H	Master brake cylinder	KG	Clutch master cylinder	BL	Brake pads
MH	Mineral oil consisting master brake cylinder	MKG	Mineral oil consisting clutch master cylinder	BZ...W/S	W = Warning contact / S = Wheel speed sensor (ABS)
R	Wheel cylinder	KN	Clutch slave cylinder	BS	Brake disc
MR	Mineral oil consisting wheel cylinder	MKN	Mineral oil consisting clutch slave cylinder	BT	Drum brake
RS	New part brake caliper	ZA	Concentric slave cylinder	BB	Brake shoe
RX	Old part brake caliper	MZA	Mineral oil consisting concentric slave cylinder	TK	Drum brake kit (Master kit)
RK	Repair set	A	Clutch line	FBS	Brake cable
RKS	Repair set brake calipers	KV	Clutch booster	FKS	Clutch cable
BKR	Brake force regulator				
BKV	Brake booster				

Clutch master cylinder

- 433 part numbers

Example FTE part numbers:

Clutch master cylinder **KG190084.0.2**
↑ ↑ Diameter (mm)

Mineral oil consisting clutch master cylinder **MKG23852.4.1**
↑ ↑ Diameter (mm)

Clutch master cylinders of the latest generation



Clutch components

Clutch slave cylinder

- 243 part numbers

Beispiel FTE Teilenummer:

Clutch slave cylinder **KN38017.3.5**
↑ ↑ Diameter (mm)

Mineral oil consisting
clutch slave cylinder **MKN22065A1**
↑ ↑ Diameter (mm)

Clutch master cylinders of the latest generation



Clutch components

Concentric slave cylinder

- 104 part numbers

Example FTE part numbers:

ZA5109A1

Concentric slave cylinder ↑

Mineral oil consisting
concentric slave cylinder ↑

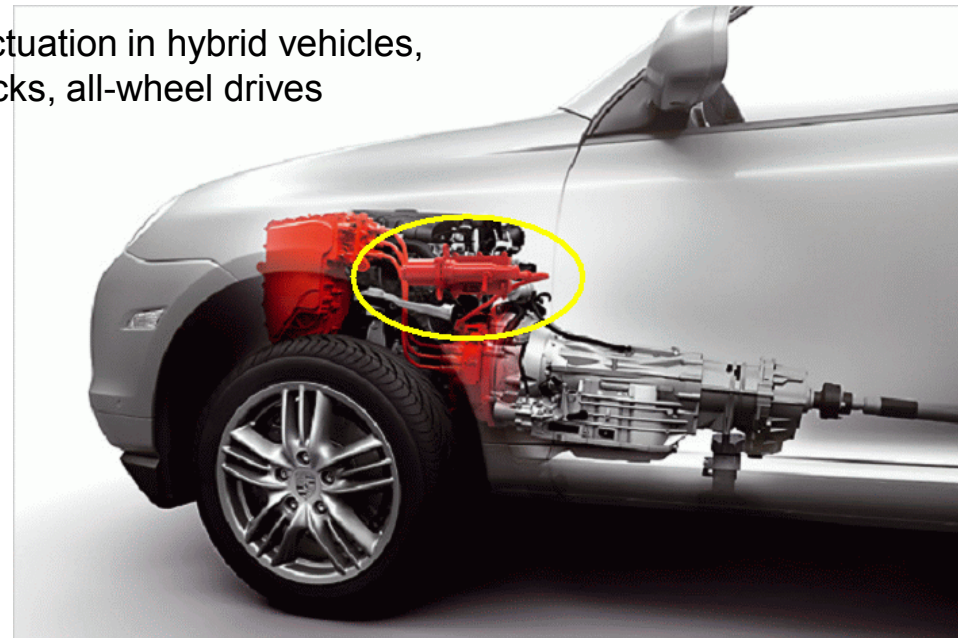
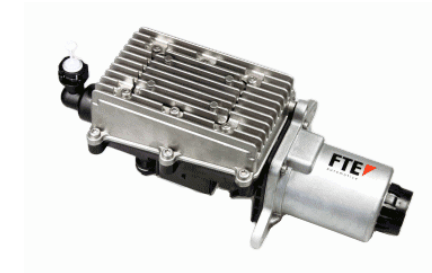
MZA3605D1

Concentric slave cylinders of the latest generation



Electric-hydraulic actuators for passenger cars

- A compact and universal applicable unit for highly dynamic and precise electronic control of hydraulic loads
- The actuator is a combination of proven FTE-seal- and plastic-technology of the clutch master cylinders with efficient and reliable, electrically and electronically components.
- Application examples:
 - X-by-Wire
 - Electronically controlled clutch actuation in hybrid vehicles, stop/start-systems, differential locks, all-wheel drives
 - Clutch-servo systems
 - Gear actuation
 - Torque vectoring
 - Brake systems



Clutch pipes

Hose-pipe-combination with frequency modulator, bleeder valve and integrated Peak Torque Limiter (PTL)

Example FTE part number:

A5406.04

Clutch pipe



Clutch components

Clutch booster

- **16** part numbers
- A wide range of clutch boosters for **Volvo, Scania, DAF, MAN and RVI**
- Replacement for clutch boosters of Kongsberg



Example FTE part numbers:

Clutch booster
Hydraulic cylinder

KV25009A1

↑ ↑ Diameter (mm)

