



*clippers*  
SRL

Anti-theft device

**ZBLÖCK**



## FUNCTIONING PRINCIPLE

The **ZBlock** anti-theft devices act on both the vehicle's hydraulic/pneumatic circuit and on the electric starter circuit. The vehicle's engine cannot be started with the anti-theft device engaged.

Press the clutch pedal to inhibit drive.

Press the brake pedal to keep the vehicle braked.

Activate the parking brake to keep the vehicle braked.

## TECHNICAL FEATURES

The **ZBlock** anti-theft devices have been designed so they do not interfere with the on-board electronic control units.

The main constructive components are made of antidrill and anticut materials.

Antidrill reinforced lock.

## PATENTED SYSTEM

All the following models are equipped with a **patented** valve system.

# GLOSSARY

## AUTO ARMING

Electronic device which automatically activates the system within 60 seconds after turning off the vehicle.

## KEY ROTATION BLOCK

Key rotation, engaging of anti-theft device with vehicle moving or control board switch-on is prevented by the electromechanical device.

## PROOF OF THE EFFECTIVE ACTIVATION

It means proof of the effective activation of the anti-theft device. The anti-theft device must be engaged to remove the key (one way).

No. 3 keys provided with protected duplication.

Insurance companies request these features to add value to proof of the effective activation.

## SINGLE CIRCUIT

Starter and pneumatic or hydraulic circuit prevention anti-theft device.

## DOUBLE CIRCUIT

Starter and two pneumatic and/or hydraulic circuits prevention anti-theft device.

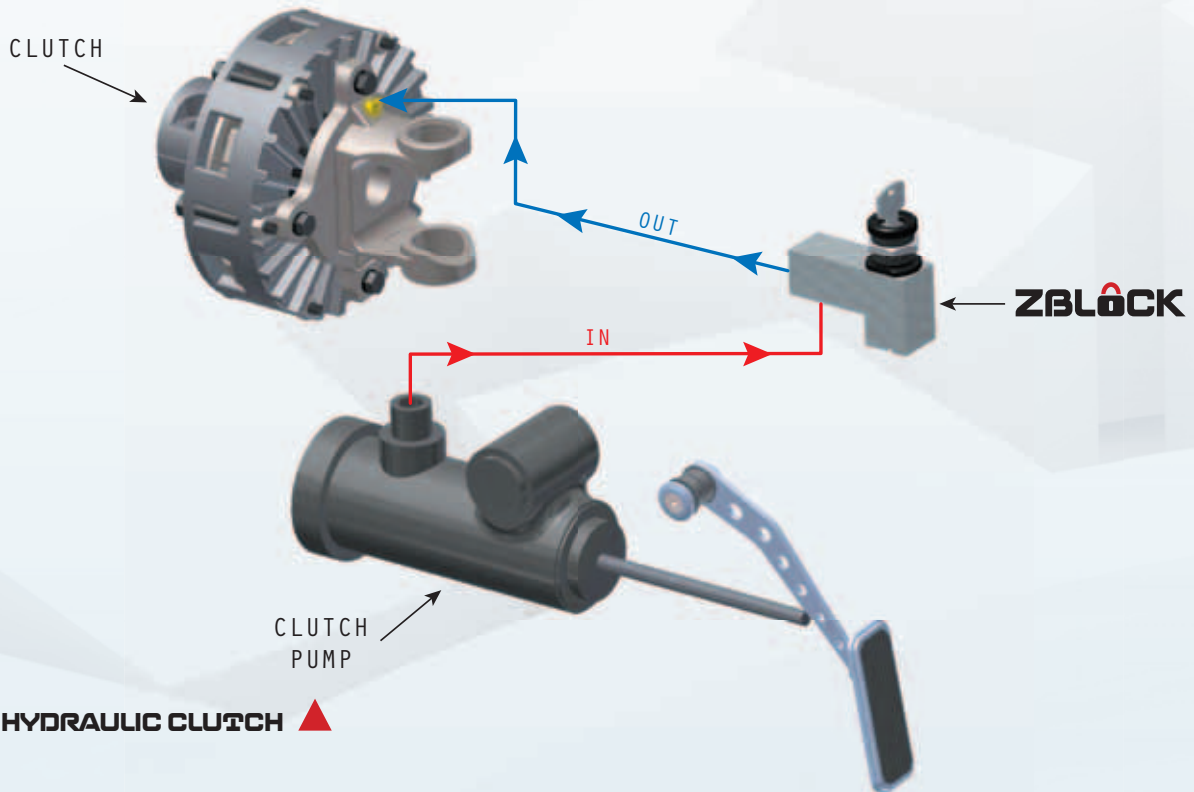
## HYDRAULIC CIRCUIT

Braking system circuit, clutch and servo-control lever systems (earth movement).

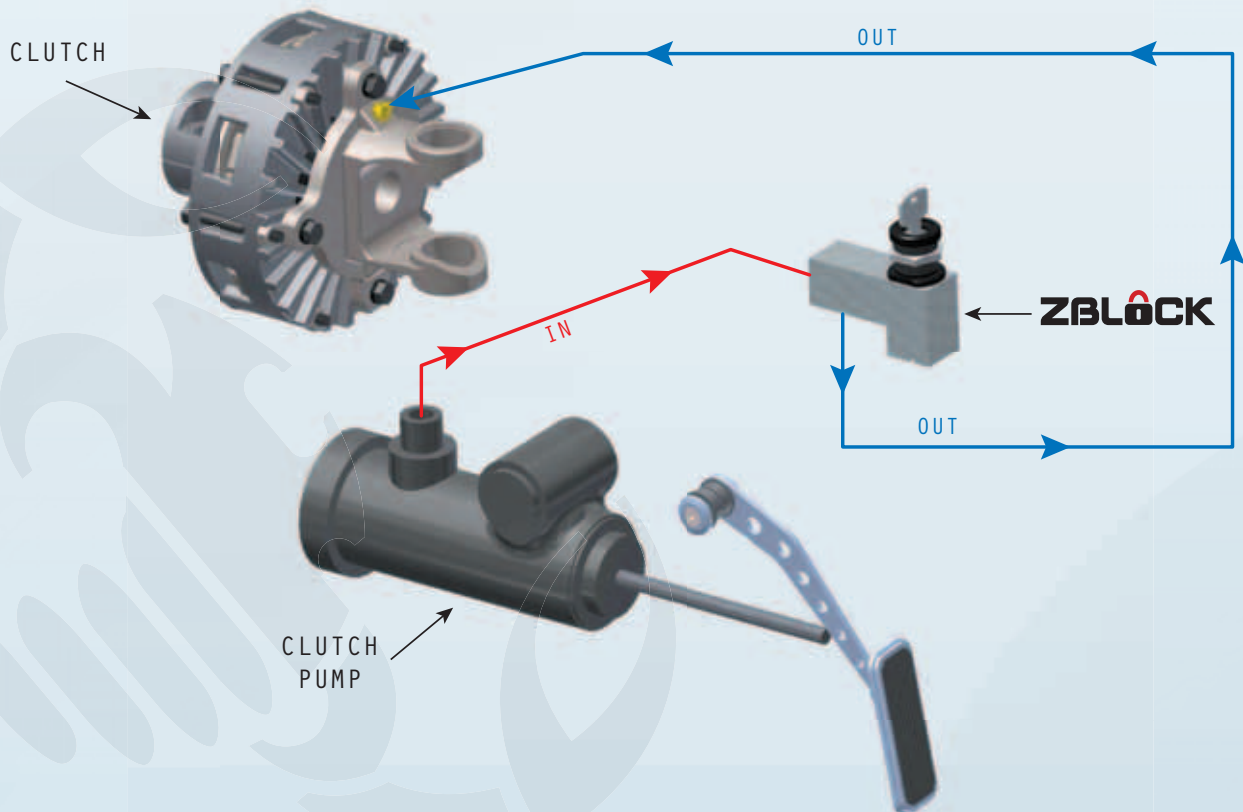
## PNEUMATIC CIRCUIT

Braking pneumatic system secondary circuit (parking brake, parking and commutator switch).

**INSTALLATION DIAGRAMS**

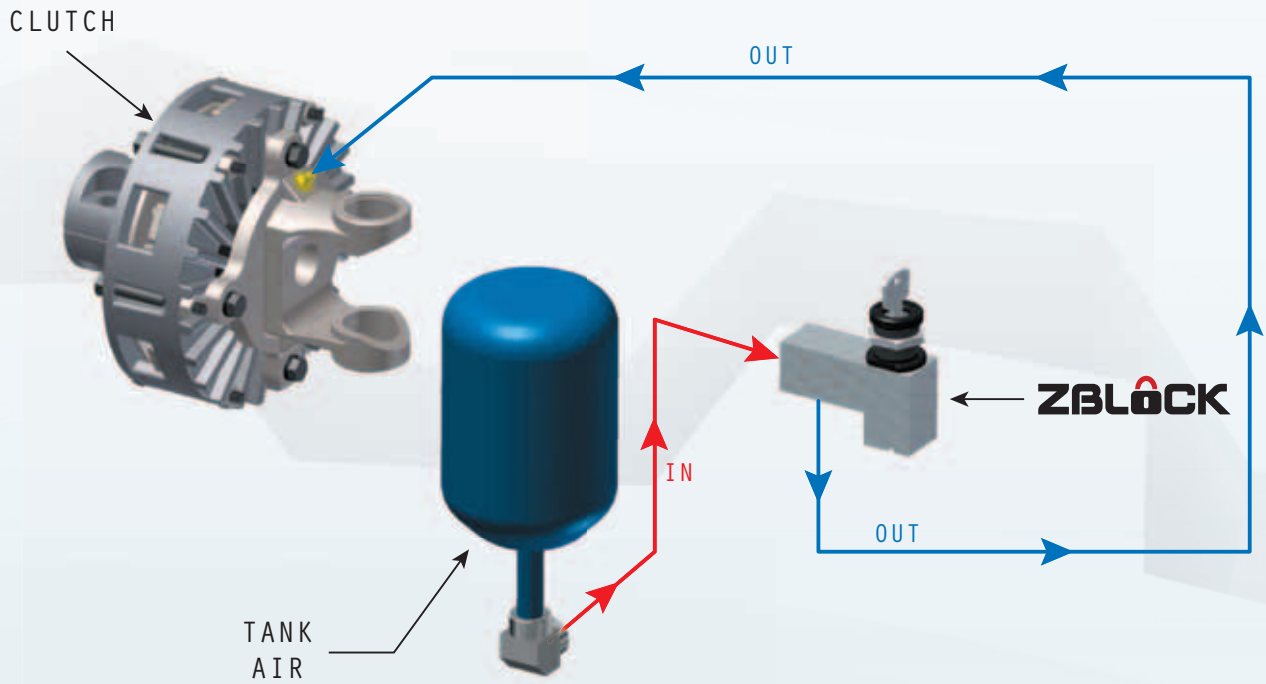


▲ **HYDRAULIC CLUTCH** ▲

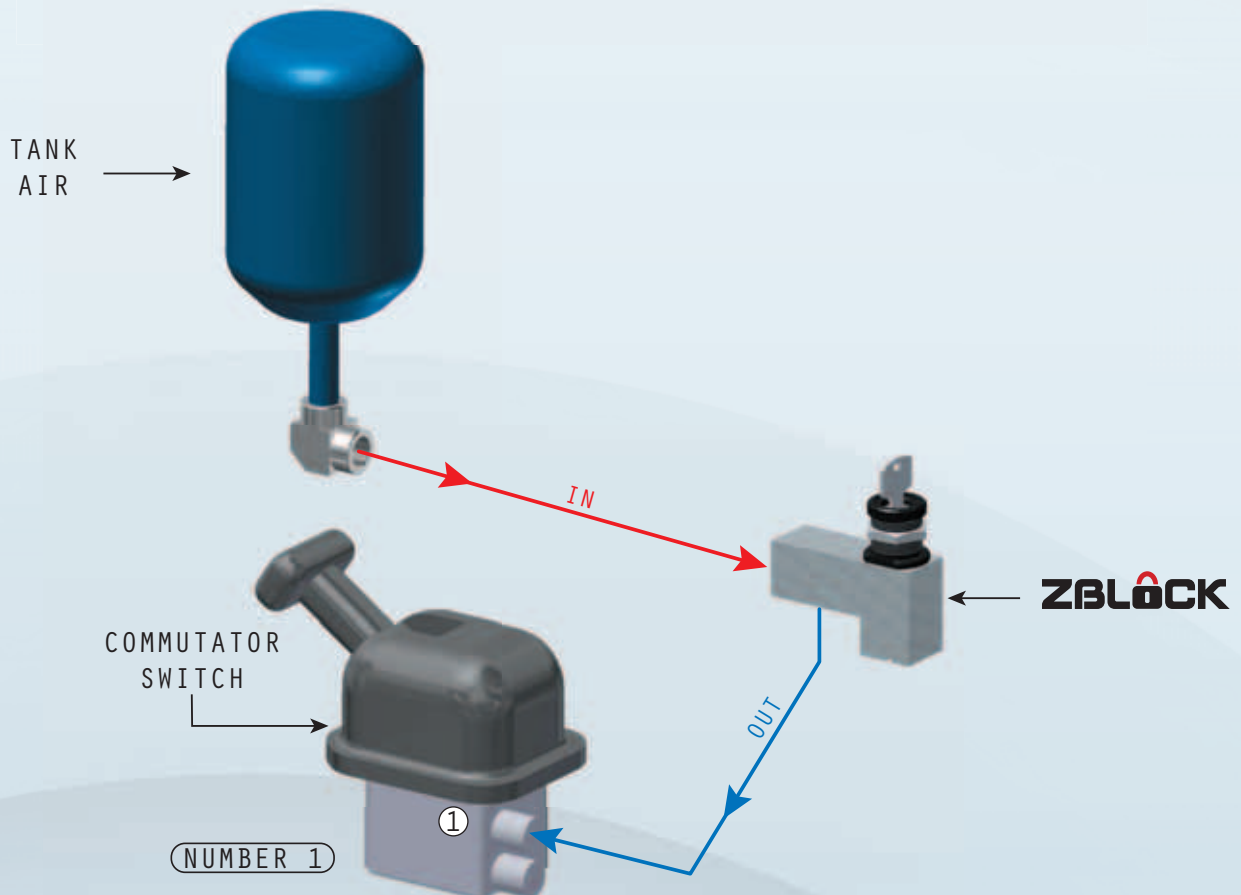


▲ **HYDRAULIC CLUTCH WITH EPS GEARBOX (MERCEDES)** ▲

**INSTALLATION DIAGRAMS**

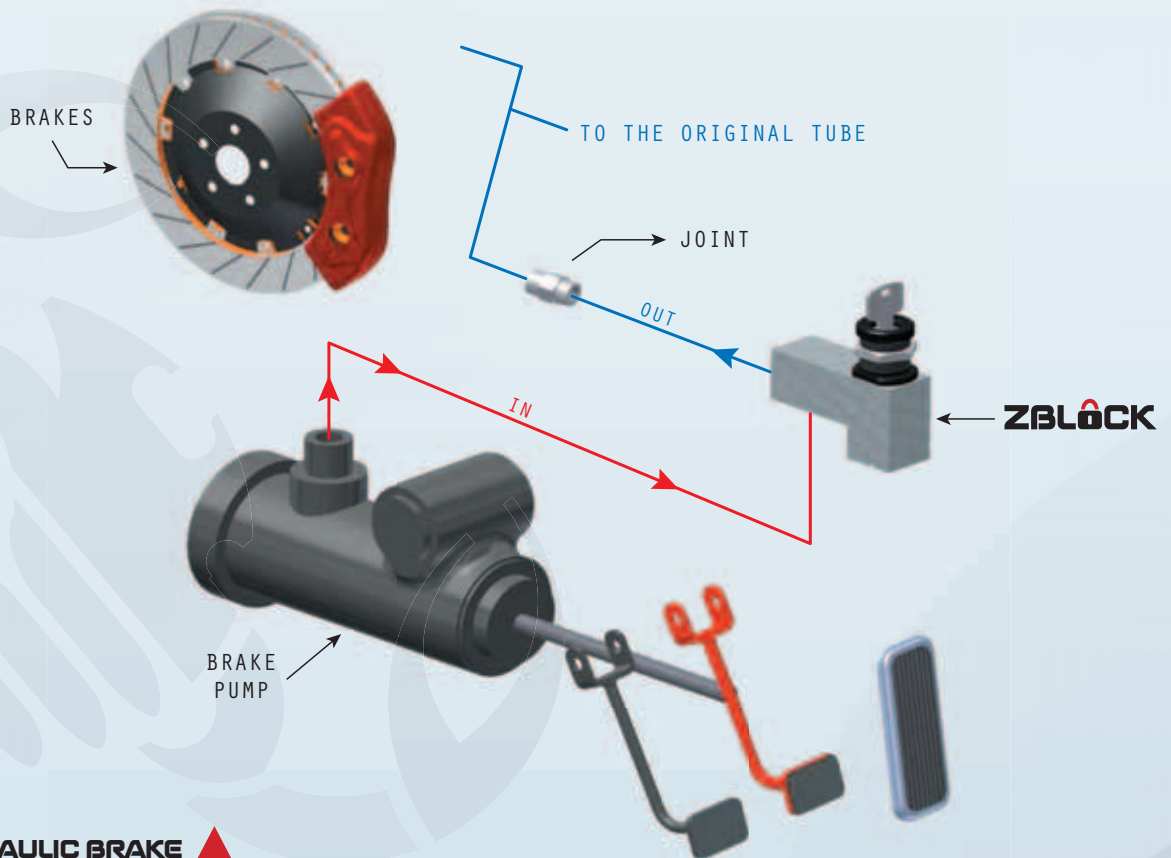
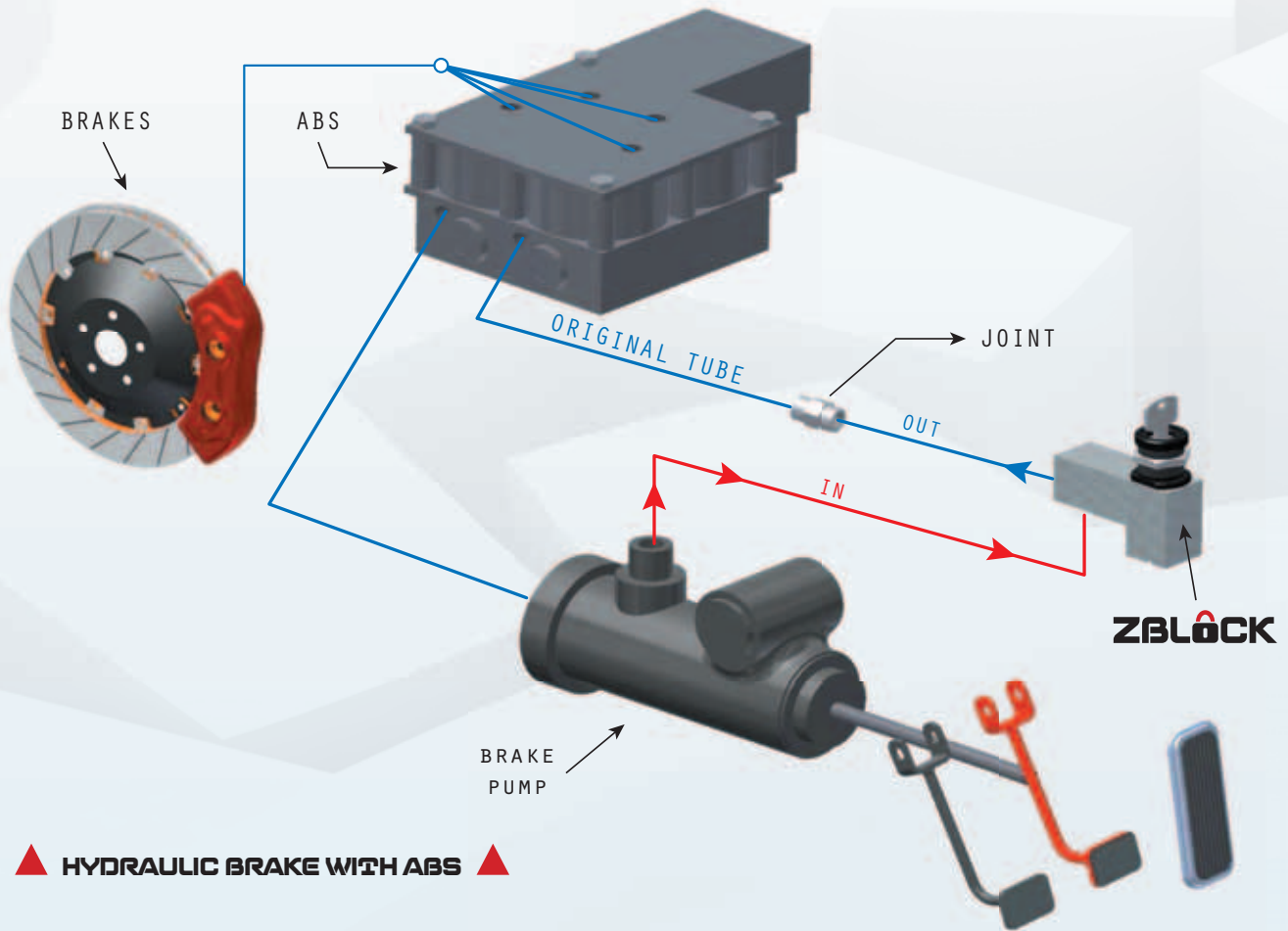


▲ PNEUMATIC CLUTCH CONTROL ▲

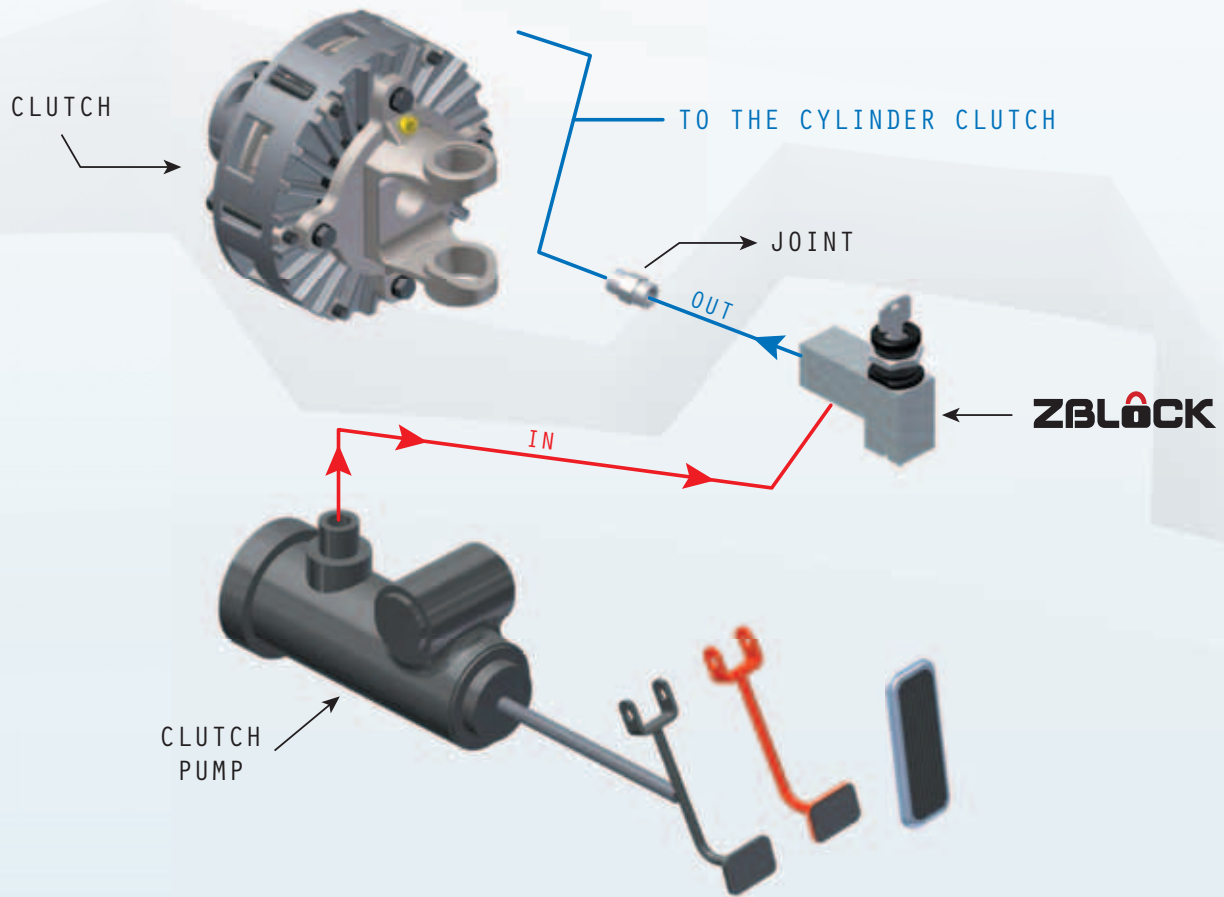


▲ PNEUMATIC BRAKE CONTROL ▲

**INSTALLATION DIAGRAMS**



## INSTALLATION DIAGRAMS



### ▲ HYDRAULIC CLUTCH ▲

## NOTE FOR CORRECT INSTALLATION

### ATTENTION!

All the following anti-theft models must be equipped with the relative **pipe kit** and **fitting kit**, specific for our vehicle model, for a correct installation.

# 24V industrial vehicles



## single circuit MODELS

- Z1** (Z1V for non DOT4)
- Z1BC** (Z1BCV for non DOT4)
- Z1BCa** (Z1BCVa for non DOT4)

## double circuit MODELS

- Z2** (Z2V for non DOT4)
- Z2BC** (Z2BCV for non DOT4)
- Z2BCa** (Z2BCVa for non DOT4)



## Z1 MODEL



### TECHNICAL DATA

Single circuit 24V mechanical anti-theft device for inhibiting clutch or parking brake and starter.

Key release only with anti-theft device engaged, with proof of effective activation.

Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.

Antidrill lock with 1,679,616 theoretical combinations.

## Z1V MODEL for liquid non DOT

### TECHNICAL DATA

Same technical features as the Z1 model.

## Z1BC MODEL

2009/19/EC Approved



### TECHNICAL DATA

Single circuit 24V mechanical anti-theft device for inhibiting clutch or parking brake and starter.

Key release only with anti-theft device engaged, with proof of effective activation.

Key rotation block with vehicle moving.

Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.

Antidrill lock with 1,679,616 theoretical combinations.

## Z1BCV MODEL for liquid non DOT

2009/19/EC Approved

### TECHNICAL DATA

Same technical features as the Z1BC model.

## Z1BCa MODEL

 95/56/EC Approved



### TECHNICAL DATA

Single circuit 24V immobilizer anti-theft device for inhibiting clutch or parking brake and starter.  
 Key release only with anti-theft device engaged, with proof of effective activation.  
 Key rotation block with vehicle moving.  
 Auto arm start inhibit.  
 Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.  
 Antidrill lock with 1,679,616 theoretical combinations.

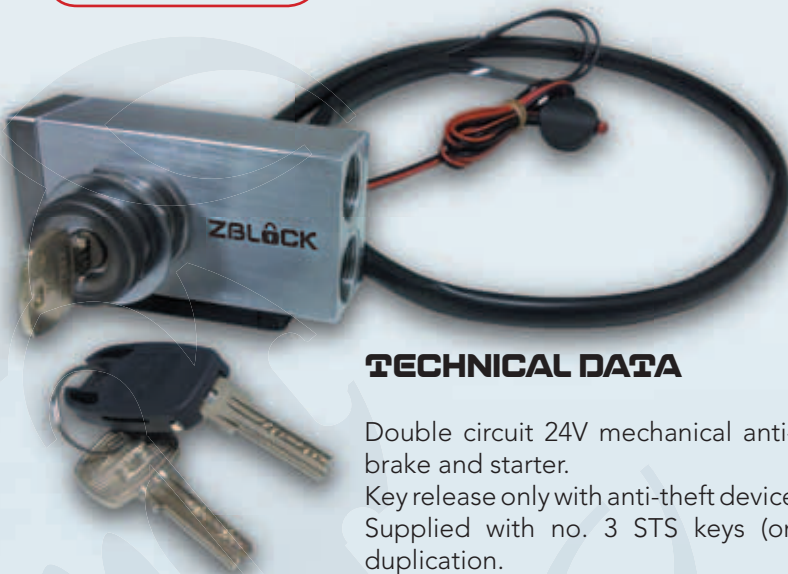
## Z1BCVa MODEL for liquid non DOT

 95/56/EC Approved

### TECHNICAL DATA

Same technical features as the Z1BCa model.

## Z2 MODEL



### TECHNICAL DATA

Double circuit 24V mechanical anti-theft device for inhibiting clutch, parking brake and starter.  
 Key release only with anti-theft device engaged, with proof of effective activation.  
 Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.  
 Antidrill lock with 1,679,616 theoretical combinations.

## Z2V MODEL for liquid non DOT

### TECHNICAL DATA

Same technical features as the Z2 model.

**Z2BC MODEL**

**2009/19/EC Approved**



**TECHNICAL DATA**

Double circuit 24V mechanical anti-theft device for inhibiting clutch, parking brake and starter.  
 Key release only with anti-theft device engaged, with proof of effective activation.  
 Key rotation block with vehicle moving.  
 Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.  
 Antidrill lock with 1,679,616 theoretical combinations.

**Z2BCV MODEL for liquid non DOT**

**2009/19/EC Approved**

**TECHNICAL DATA**

Same technical features as the Z2BC model.

**Z2BCa MODEL**

**95/56/EC Approved**



**TECHNICAL DATA**

Double circuit 24V immobilizer anti-theft device for inhibiting clutch, parking brake and starter.  
 Key release only with anti-theft device engaged, with proof of effective activation.  
 Key rotation block with vehicle moving.  
 Auto arm start inhibit.  
 Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.  
 Antidrill lock with 1,679,616 theoretical combinations.

**Z2BCVa MODEL for liquid non DOT**

**95/56/EC Approved**

**TECHNICAL DATA**

Same technical features as the Z2BCa model.

# 12V cars and vans



## single circuit MODELS

**Z1aBC**

**Z1aDU**

**Z1aBCa**

## double circuit MODELS

**Z2aBC**

**Z2aDU**

**Z2aBCa**

**Z1aBC MODEL****2009/19/EC Approved****TECHNICAL DATA**

12V mechanical anti-theft device for inhibiting single hydraulic circuit and starter.  
Key release only with anti-theft device engaged, with proof of effective activation.  
Key rotation block with vehicle moving.  
Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.  
Antidrill lock with 1,679,616 theoretical combinations.

**Z1aDU MODEL****2009/19/EC Approved****TECHNICAL DATA**

12V mechanical anti-theft device for inhibiting single hydraulic circuit and starter.  
Key release with anti-theft device engaged and disengaged.  
Supplied with no. 3 STS keys, with protected duplication.  
Antidrill lock with 1,679,616 theoretical combinations.

**Z1aBCa MODEL**

**95/56/EC Approved**



**TECHNICAL DATA**

12V immobilizer anti-theft device for inhibiting single hydraulic circuit and starter.  
 Key release only with anti-theft device engaged, with proof of effective activation.  
 Key rotation block with vehicle moving.  
 Auto arm start inhibit.  
 Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.  
 Antidrill lock with 1,679,616 theoretical combinations.

**Z2aBC MODEL**

**2009/19/EC Approved**



**TECHNICAL DATA**

12V mechanical anti-theft device for inhibiting double hydraulic circuit (clutch brakes) and starter.  
 Key release only with anti-theft device engaged, with proof of effective activation.  
 Key rotation block with vehicle moving.  
 Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.  
 Antidrill lock with 1,679,616 theoretical combinations.

**Z2aDU MODEL**

**2009/19/EC Approved**



**TECHNICAL DATA**

12V mechanical anti-theft device for inhibiting double hydraulic circuit (clutch brakes) and starter.  
 Key release with anti-theft device engaged and disengaged.  
 Supplied with no. 3 STS keys, with protected duplication.  
 Antidrill lock with 1,679,616 theoretical combinations.

**Z2aBCa MODEL**

**95/56/EC Approved**



**TECHNICAL DATA**

12V immobilizer anti-theft device for inhibiting double hydraulic circuit (clutch brakes) and starter.  
 Key release only with anti-theft device engaged, with proof of effective activation.  
 Key rotation block with vehicle moving.  
 Auto arm start inhibit.  
 Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.  
 Antidrill lock with 1,679,616 theoretical combinations.

# 12-24V machines and earth movement



## single circuit MODELS

**Z1MT**

**Z1MTDU**

**Z1MTBC 12V**

**Z1MTBC 24V**

**Z1MTBC 12Va**

**Z1MTBC 24Va**

## double circuit MODELS

**Z2MT**

**Z2MTDU**

**Z2MTBC 12V**

**Z2MTBC 24V**

**Z2MTBC 12Va**

**Z2MTBC 24Va**



**Z1MT MODEL****TECHNICAL DATA**

12-24V mechanical anti-theft device for inhibiting single hydraulic circuit and starter (servo-controls-clutch-brake circuits not at high pressures).  
Key release only with anti-theft device engaged, with proof of effective activation.  
Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.  
Antidrill lock with 1,679,616 theoretical combinations.  
Only for **liquids non DOT**.

**Z1MTDU MODEL** **2009/19/EC Approved****TECHNICAL DATA**

12-24V mechanical anti-theft device for inhibiting single hydraulic circuit and starter (servo-controls-clutch-brake circuits not at high pressures).  
Key release with anti-theft device engaged and disengaged.  
Supplied with no. 3 STS keys, with protected duplication.  
Antidrill lock with 1,679,616 theoretical combinations.  
Only for **liquids non DOT**.

## Z1MTBC 12V MODEL

2009/19/EC Approved

### TECHNICAL DATA

12V mechanical anti-theft device for inhibiting single hydraulic circuit and starter (servo-controls-clutch-brake circuits not at high pressures).

Key release only with anti-theft device engaged, with proof of effective activation.  
Key rotation block with vehicle moving.  
Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.  
Antidrill lock with 1,679,616 theoretical combinations.  
Only for **liquids non DOT**.



## Z1MTBC 24V MODEL for 24V

2009/19/EC Approved

### TECHNICAL DATA

Same technical features as the Z1MTBC 12V model.

## Z1MTBC 12Va MODEL

95/56/EC Approved

### TECHNICAL DATA

12V immobilizer anti-theft device for inhibiting single hydraulic circuit and starter (servo-controls-clutch-brake circuits not at high pressures).

Key release only with anti-theft device engaged, with proof of effective activation.  
Key rotation block with vehicle moving.  
Auto arm start inhibit.

Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.  
Antidrill lock with 1,679,616 theoretical combinations.  
Only for **liquids non DOT**.

## Z1MTBC 24Va MODEL for 24V

95/56/EC Approved

### TECHNICAL DATA

Same technical features as the Z1MTBC 12Va model.

## Z2MT MODEL



### TECHNICAL DATA

Double hydraulic circuit and starter 12-24V mechanical anti-theft device (servo-controls-clutch-brake circuits not at high pressures).  
 Key release only with anti-theft device engaged, with proof of effective activation.  
 Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.  
 Antidrill lock with 1,679,616 theoretical combinations.  
 Only for **liquids non DOT**.

## Z2MTDU MODEL

 2009/19/EC Approved



### TECHNICAL DATA

Double hydraulic circuit and starter 12-24V mechanical anti-theft device (servo-controls-clutch-brake circuits not at high pressures).  
 Key release with anti-theft device engaged and disengaged.  
 Supplied with no. 3 STS keys, with protected duplication.  
 Antidrill lock with 1,679,616 theoretical combinations.  
 Only for **liquids non DOT**.

## Z2MTBC 12V MODEL

 2009/19/EC Approved



### TECHNICAL DATA

Double hydraulic circuit and starter 12V mechanical anti-theft device (servo-controls-clutch-brake circuits not at high pressures).

Key release only with anti-theft device engaged, with proof of effective activation.

Key rotation block with vehicle moving.

Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.

Antidrill lock with 1,679,616 theoretical combinations.

Only for **liquids non DOT**.

## Z2MTBC 24V MODEL for 24V

 2009/19/EC Approved

### TECHNICAL DATA

Same technical features as the Z2MTBC 12V model.

## Z2MTBC 12Va MODEL

 95/56/EC Approved



### TECHNICAL DATA

Double hydraulic circuit and starter 12V immobilizer anti-theft device (servo-controls-clutch-brake circuits not at high pressures).

Key release only with anti-theft device engaged, with proof of effective activation.

Key rotation block with vehicle moving.

Auto arm start inhibit.

Supplied with no. 3 STS keys (one of which is foldable), with protected duplication.

Antidrill lock with 1,679,616 theoretical combinations.

Only for **liquids non DOT**.

## Z2MTBC 24Va MODEL for 24V

 95/56/EC Approved

### TECHNICAL DATA

Same technical features as the Z2MTBC 12Va model.

## • **PIPE KIT** with fittings

*Request the specific pipe kit for vehicle to correctly install the anti-theft device.*



*Images for illustration purposes only.*

## **FITTING KIT**

*Request the specific fitting kit for vehicle to correctly install the anti-theft device.*



*Images for illustration purposes only.*





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