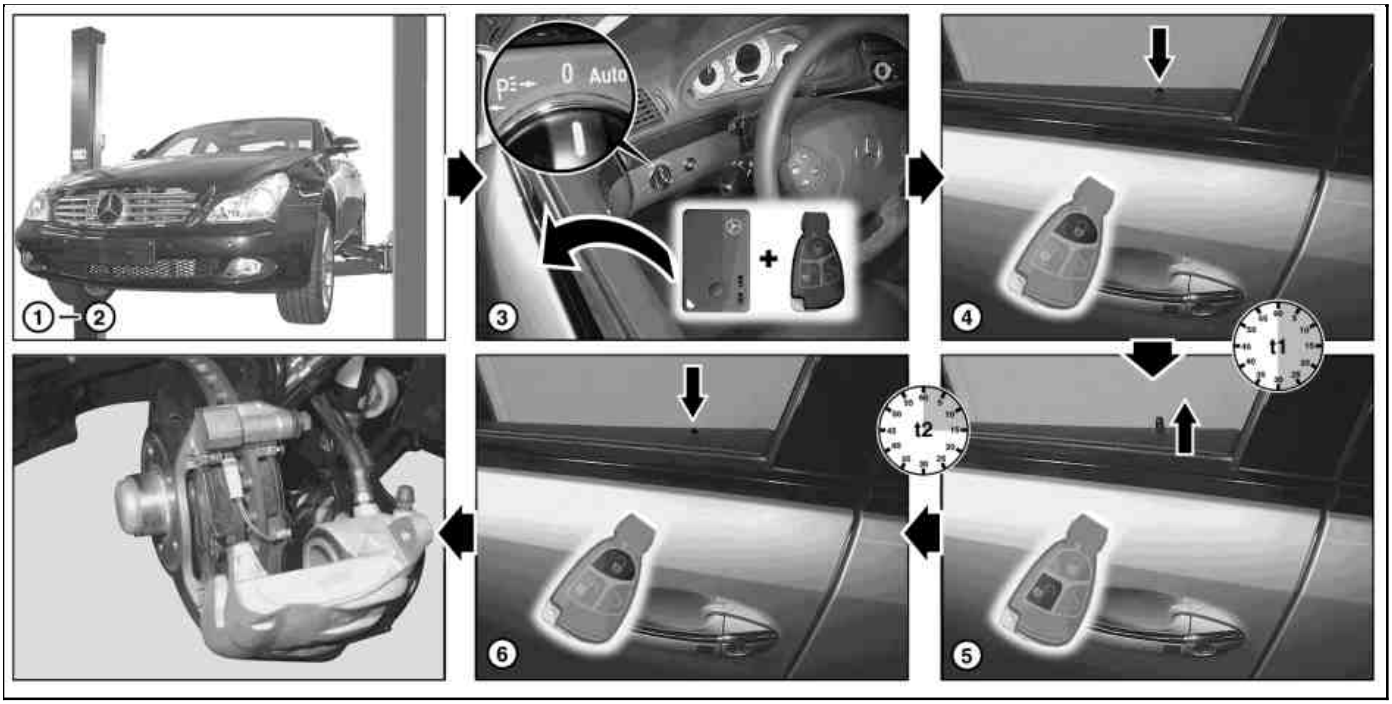
AR42.46-P-0005TX	Disable SBC self-test and apply brake pads, without STAR DIAGNOSIS	23.3.06

MODEL 211, 219
with Sensotronic Brake Control (SBC)

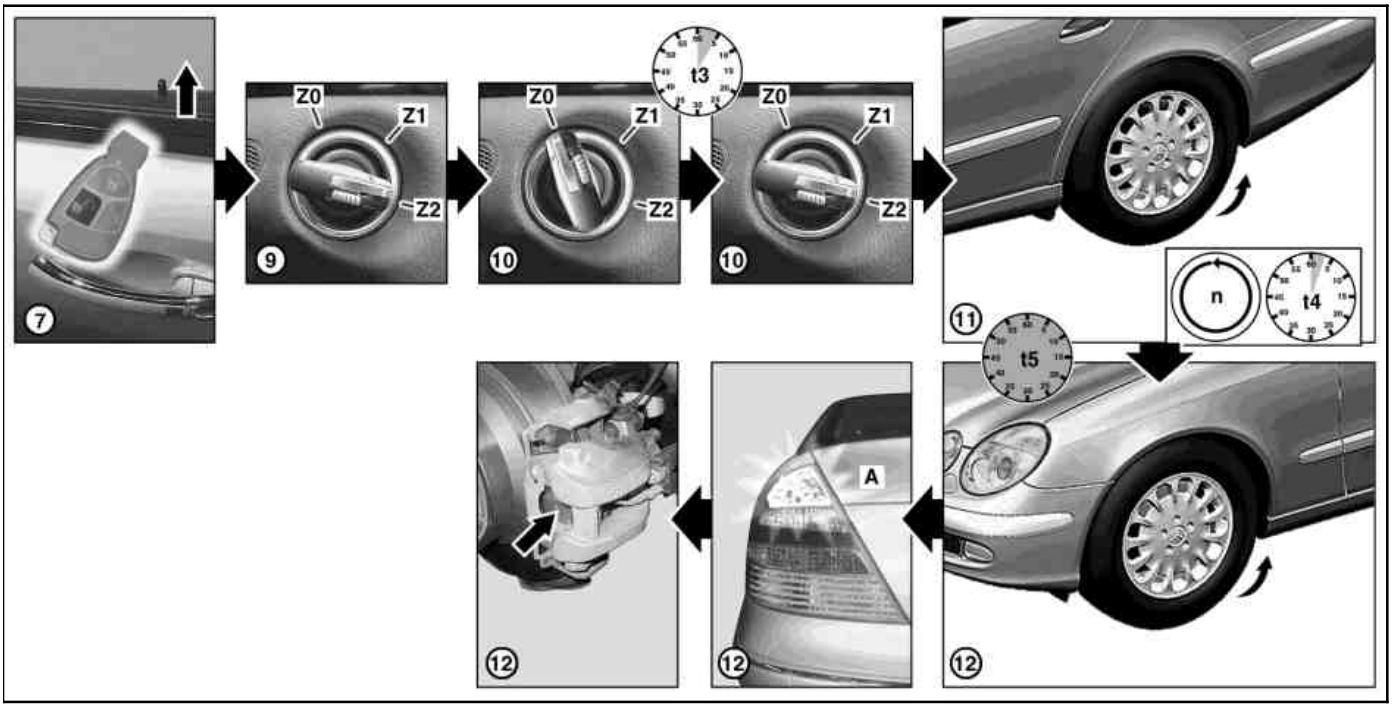
MODEL 230



P42.46-2112-09

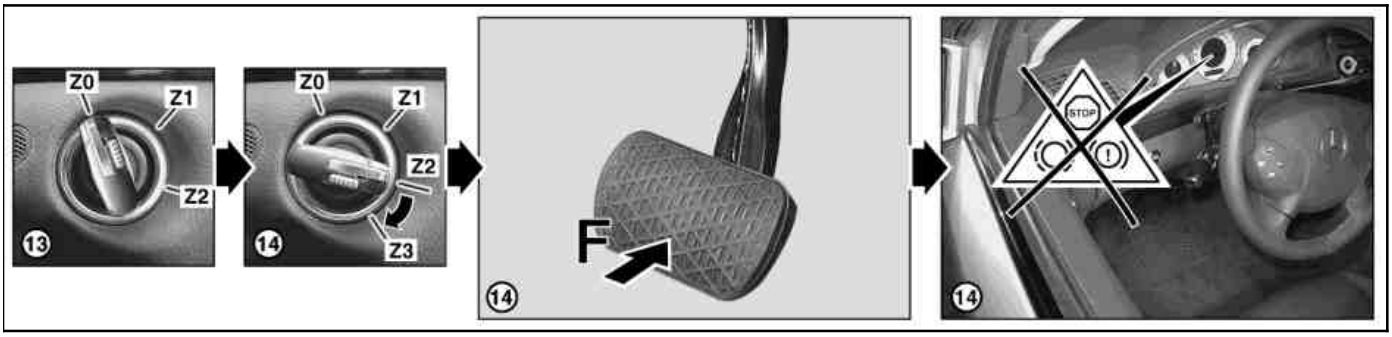
t1 at least 30 seconds

t2 at least 15 seconds



P42.10-2233-09

A Flashes 3 times
n 1 to 2 revolution(s)
t3 1 to 5 seconds
t4 at least 3 seconds
t5 max. 60 seconds
Z0 Ignition off
Z1 Power supply for consumers
Z2 Ignition ON



P42.10-2234-07

Z0 ***Ignition off***
Z1 ***Power supply for consumers***
Z2 ***Ignition ON***
Z3 ***Start engine***

	Remove/install		
Danger!	**Risk of injury** caused by body parts being jammed or crushed. **Risk of injury** to skin and eyes caused by brake fluid spraying out at high pressure when working on the SBC brake system	Prevent SBC self-test.	AS42.46-Z-0001-01B
Danger!	**Risk of death** caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between the columns of the lifting platform and position the four support plates at the lifting platform support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
	Notes on repairs to brake system		AH42.00-P-0003-01A
	The SBC system must be deactivated on a mandatory basis using STAR DIAGNOSIS before working on the operating unit or hydraulic unit. Brake pad exchange and brake fluid change must not be carried out simultaneously. Before working on the SBC brake system the sequence of the SBC self-test must be prevented as this leads to the brake pistons being pushed out automatically. When working on the SBC brake system the brake pedal must not be pressed under any circumstances as this leads to the brake pistons moving out automatically. Inadvertent operation of the brake pedal must be prevented reliably by suitable measures. No persons or animals may stay in the vehicle when working on the SBC brake system		
	Before starting the work it is absolutely essential to read through the complete work description, as the work must be completed in quick succession. To carry out the work correctly a second person must be present, as within the work procedure certain signals cannot be seen by one person		
	If the work procedure is revised or the timing specifications are not maintained, the work cannot be carried out correctly		
1	Raise vehicle using lifting platform until wheels are free		
2	Open the side window on the driver's side		
3	Switch off all electrical consumers of the vehicle and remove the key from the ignition switch	Vehicles with Keyless Go code 889: Press start/stop button repeatedly until ignition is switched off.	
	Disable the SBC self-test		
4	Close vehicle doors and leave vehicle centrally locked for min. 30 seconds (t1)	Vehicles with Keyless Go code 889: remove Keyless Go cards or key from the vehicle and store outside of transmitter range (for at least 2 minutes). During this time the run-on of the SBC brake system elapses.	

5	Unlock vehicle for at least 15 seconds (t2).	i The brake pedal must not be pressed any more from now on. i An SBC self-test may run during this time.	
6	Lock vehicle	i In order to prevent people getting in. i If the engine hood is unlocked when the vehicle is locked, the alarm system is triggered.	
i	15 seconds after locking the following operations can be carried out in the wheel brake area: ● Replace front and rear brake pads, ● Detach/attach front and rear brake disks, ● Remove/install parking brake shoes Once the operations are completed the application routine must be activated	i The vehicle must not be unlocked under any circumstances when working on the brake system. i By unlocking, the brake application routine is started and the brake pads are applied.	
	Activate application routine of brake pads		
i	The hydraulic unit temperature must be a maximum of 80 °C		
7	Unlock vehicle		
8	Switch on ignition (Z2)	i Through the open side window. i Vehicles with Keyless-Go code 889: Do not activate any Keyless Go functions for the following work.	
9	Switch off ignition (Z0), wait 1 to 5 seconds (t3) and switch ignition on again (Z2)	i Do not start engine! i The ignition remains switched on for the further steps.	
10	Rotate rear left wheel swiftly and evenly in the running direction	i Turn the wheel for at least 3 seconds (t4) (1 to 2 revolutions/s (n)) and then stop the wheel.	
11	Rotate the front left wheel swiftly and evenly in the running direction	i The left front wheel must be rotated no more than 60 seconds (t5) after the left rear wheel. Rotate the wheel (1 to 2 revolution(s) (n)) until it is stalled automatically. Flashing on and off 3 times (A) confirms successful activation: The application routine is started. The front and rear brake pads are applied several times. After approx. 50 seconds the application routine is completed.	
12	Lower vehicle and switch off ignition (Z0)		
13 ☞AD	Start the engine and depress the brake pedal 5 to 10 times Connect STAR DIAGNOSIS and read out fault memory	i If a fault message is displayed in the multifunction display: ↓ Repeat activation of application routine. If the error message continues to be shown in the multifunction display after repeating the application routine several times: ↓ Apply the brake pads using STAR DIAGNOSIS, read out and erase diagnostic trouble code memory. STAR DIAGNOSIS diagnosis system	 AD00.00-P-2000-04A *WH58.30-Z-1048-13A

Commercially available tools

Number	Designation	
WH58.30-Z-1048-13A	STAR DIAGNOSIS diagnosis system, Compact Passenger Car	6511 1801 00