

Compact Tester II - for testing all WABCO ABS systems

With the Compact Tester II, WABCO has developed a new diagnostic device that can be used to test all WABCO ABS towing vehicles, trailers and hydraulic ABS systems.

The Compact Tester II with the product number 446 300 430 0 covers the functions of the old Compact Tester 446 300 400 0 and 446 300 410 0.

The Compact Tester 446 300 400 0 for trailer systems can still be ordered.



Operation of the Compact Tester II is just as simple as the previous devices. There are still only three buttons ERROR (to read out the diagnostic memory), CLEAR (to delete error messages) and SYSTEM (to display or start up the system).

With the Compact Tester II you have the option to:

- Display stored faults.
- Delete the diagnostic memory.
- Display the system configuration.
- To conduct the functional test of components.
- To configure or set the parameters of specific systems (except for Vario C).
- To read out the mileage of the total mileage counter for VCS I, VCS II and TCS.
- To display the switching threshold of the ISS (Integrated Speed Switch) for VCS I.
- To reset the service interval for VCS I.

The Compact Tester II is pin-compatible to the Diagnostic Controller and Diagnostic Interface. For this reason it is possible to use existing diagnostic connector cables.

The following electronic control systems are supported by the Compact Tester II:

Part number	Diagnostic Interface	System type
Trailer ECUs		
446 105 001 0 - 446 105 052 0	JED 677	Vario-C
446 108 030 0 - 446 108 050 0	JED 677	VCS I
400 500 030 0 - 400 500 067 0		
472 500 001 0 - 472 500 021 0	SAE J 1587	TCS I
400 500 101 0 - 400 500 106 0	SAE J 1587	TCS II
446 108 070 0 - 446 108 089 0	KWP 2000	VCS II
400 500 070 0 - 400 500 089 0		

Part number	Diagnostic Interface	System type
Towing vehicle ECUs		
446 004 0xx 0	JED 677	ABS - C Version
446,003 0xx 0		
446 004 3xx 0	JED 677	ABS - D Version
446 004 4xx 0		
446,003 4xx 0		
446 004 3xx 0	KWP 2000	ABS - D Version
446 004 3xx 0	SAE J 1587	ABS - D Version
446 004 4xx 0		
446,003 4xx 0		
446 004 3xx 0	JED 677	ABS - E Version
446 004 6xx 0		
446 003 7xx 0		
446 004 3xx 0	KWP 2000	ABS - E Version
446 004 6xx 0		
446 003 7xx 0		
446 004 6xx 0		
446 003 7xx 0		
446 004 6xx 0		
446 044 070 0	KWP 2000	Hydraulic ABS
446 044 074 0		
446 044 075 0		
446 044 076 0		
446 044 077 0		
446 044 079 0		
446 044 078 0		
446 044 080 0		
446 044 088 0		
446 044 089 0		
446 044 092 0		
446 044 093 0		

WABCO diagnostic cable / adapter for the respective system type

System type	WABCO adapter part number (direct connection to test device)	WABCO diagnostic cable part number (for external diagnostic connection)
ABS - C	446 300 327 0 (35-pin)	894 604 303 2
	446 300 319 0 (54-pin)	
ABS - D/E	446 300 404 0 (ISO 9141)	
	446 300 405 0 (SAE J1587)	
	446 300 408 0 Basic (ISO 9141)	
	446 300 407 0 Basic (SAE J1587)	
Hydraulic ABS	446 300 327 0 (35-pin)	446 300 329 2
Vario C	446 300 318 0	
VCS I	446 300 401 0	
VCS II	446 300 455 0	

Please contact your WABCO partner for further information.