

**SOFT CODING GUIDE****TB11**

VCDS  
SELECT CONTROL MODULE  
**SOFT CODING GUIDE - TB11**

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## How to perform Soft Coding of part number #20550162

You will need to read the existing unit coding **BEFORE** you remove it from the vehicle.

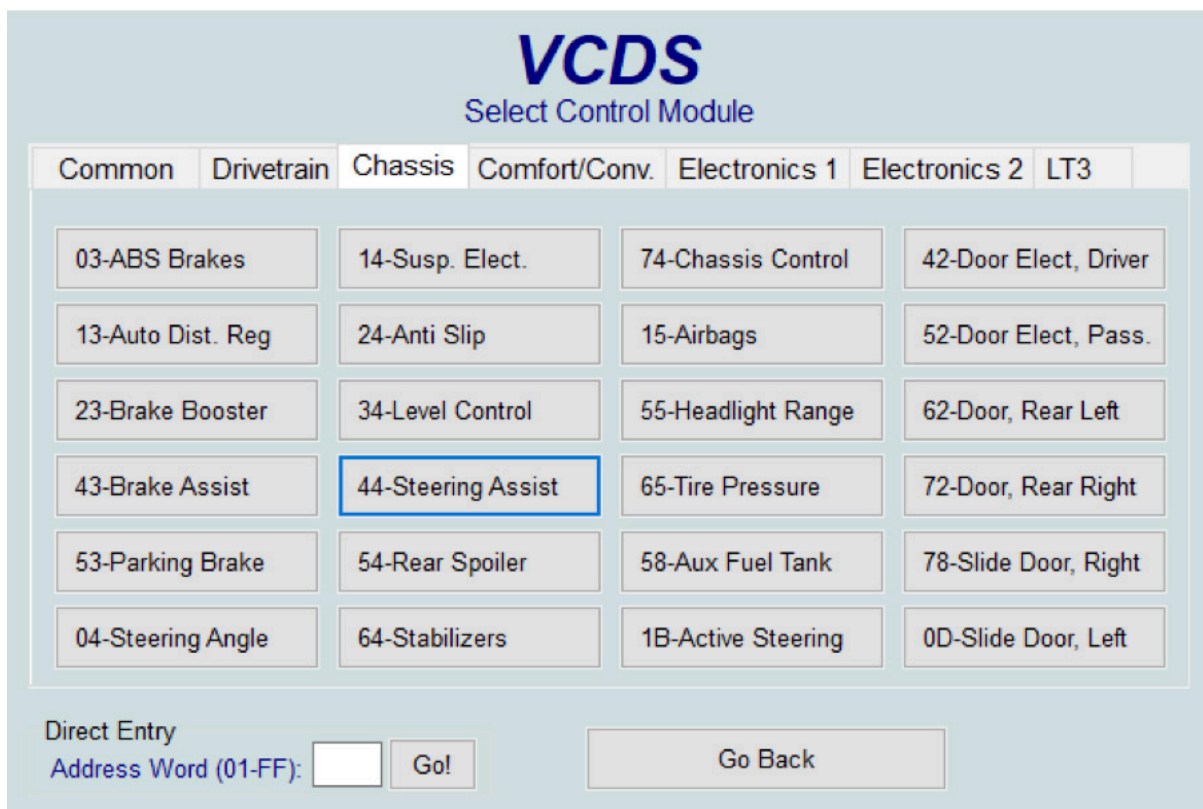


This coding must be applied to the new unit after fitting. If you do not perform this, your new unit may be configured incorrectly for your vehicle.

To perform this you will need a suitable diagnostic, such as **VCDS**.

### Before fitting new unit

**VCDS** Release 21.9.0: Select Control Module.



**VCDS**  
Select Control Module

Common	Drivetrain	Chassis	Comfort/Conv.	Electronics 1	Electronics 2	LT3
03-ABS Brakes	14-Susp. Elect.	74-Chassis Control	42-Door Elect, Driver			
13-Auto Dist. Reg	24-Anti Slip	15-Airbags	52-Door Elect, Pass.			
23-Brake Booster	34-Level Control	55-Headlight Range	62-Door, Rear Left			
43-Brake Assist	<b>44-Steering Assist</b>	65-Tire Pressure	72-Door, Rear Right			
53-Parking Brake	54-Rear Spoiler	58-Aux Fuel Tank	78-Slide Door, Right			
04-Steering Angle	64-Stabilizers	1B-Active Steering	0D-Slide Door, Left			

Direct Entry  
Address Word (01-FF):

- Open VCDS and navigate to control module 44 - Steering Assist.



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**Part 2**
**VCDS** Release 21.9.0: 44- Steering Assist, Open Controller (6Q0-423-156.CLB)

Comm Status  
IC=1 TE=0 RE=0  
Protocol: TP 1.6-1281 /

## VCDS

Open Controller

Controller Info

VAG Number:	6R0 423 156 B	Component:	LenkhilfeTRW V277
Soft. Coding:	10110	Shop #:	WSC 31414
Extra:			
Extra:			

**Basic Functions**  
These are "Safe"

Fault Codes - 02	Readiness - 15
Meas. Blocks - 08	Advanced ID - 1A
Single Reading - 09	Adv. Meas. Values

**Advanced Functions**  
Refer to Service Manual!

Login - 11	Coding - 07
Basic Settings - 04	Adaptation - 10
Output Tests - 03	Security Access - 16

Close Controller, Go Back - 06

- Note the original coding of the unit, here it's set to '10110'.

## After fitting new unit

- If replacement unit coding matches original, no further coding is necessary.



If replacement coding does **NOT** match the original, it must be re-coded.

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**Part 3**
**VCDS** Release 21.9.0: 44- Steering Assist, Open Controller (6Q0-423-156.CLB)

Comm Status  
IC=1 TE=0 RE=0  
Protocol: TP 1.6-1281 -

## VCDS

Open Controller

**Controller Info**

VAG Number:	6R0 423 156 B	Component:	LenkhilfeTRW V277
Soft. Coding:	11250	Shop #:	WSC 31414
Extra:			
Extra:			

**Basic Functions**  
These are "Safe"

Fault Codes - 02	Readiness - 15
Meas. Blocks - 08	Advanced ID - 1A
Single Reading - 09	Adv. Meas. Values

**Advanced Functions**  
Refer to Service Manual!

Login - 11	Coding - 07
Basic Settings - 04	Adaptation - 10
Output Tests - 03	Security Access - 16

Close Controller, Go Back - 06

- Here coding is seen to be '11250', so unit must be reprogrammed to '10110'.
- Select 'Coding - 07' option.

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Part 4**VCDS** Release 21.9.0: 44- Steering Assist, Recode Module

Please write down the original values before attempting to change anything.  
Incorrect Coding can make a Control Module non-functional!

0 -- 6R0 423 156 B -- LenkhilfeTRW V277

Software Coding (0 - 32767): 12150

WorkShop Code (0 - 99999): 31414

Importer Number (0 - 999): ---

Do It!

Cancel

- Within this window we must change Software Coding to match that of the original unit.
- Enter code into 'Software Coding' dialogue box. Delete '12150' and enter '10110'.

Please write down the original values before attempting to change anything.  
Incorrect Coding can make a Control Module non-functional!

0 -- 6R0 423 156 B -- LenkhilfeTRW V277

Software Coding (0 - 32767): 10110

WorkShop Code (0 - 99999): 31414

Importer Number (0 - 999): ---

Do It!

Cancel

- Press 'Do it'. You will be returned to previous screen, where Soft Coding will have updated to desired coding.

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**Part 5**
**VCDS** Release 21.9.0: 44- Steering Assist, Open Controller (6Q0-423-156.CLB)

Comm Status  
IC=1 TE=0 RE=0  
Protocol: TP 1.6-1281 -

## VCDS

Open Controller

**Controller Info**

VAG Number: <span style="color: green;">6R0 423 156 B</span>	Component: <span style="color: green;">LenkhilfeTRW V277</span>
Soft. Coding: <span style="border: 2px solid red; border-radius: 50%; padding: 2px;">10110</span>	Shop #: <span style="color: green;">WSC 31414</span>
Extra: <input type="text"/>	
Extra: <input type="text"/>	

**Basic Functions**  
These are "Safe"

Fault Codes - 02	Readiness - 15
Meas. Blocks - 08	Advanced ID - 1A
Single Reading - 09	Adv. Meas. Values

**Advanced Functions**  
Refer to Service Manual!

Login - 11	Coding - 07
Basic Settings - 04	Adaptation - 10
Output Tests - 03	Security Access - 16

Close Controller, Go Back - 06

- Confirm coding has been changed.

- **Coding is complete**, and you may now exit the control module.