

## Advanced/Unlimited CCF editing with Nick's custom xml files.

In newer versions of SDD it is no longer possible to edit all of the fields in the CCF, most are now locked out and only accessible by using the "Golden Key" Engineering Mode which needs a unique password. Nick has modified the master CCF .xml files so that all fields are available for editing/changes without needing to enter the Engineering Mode.

### How to edit CCF in SDD using Nick's edited xml files

Start a new SDD session

Go into a Service Functions session

Under Recommendations tab, run the "Current Vehicle Car Configuration Modification" routine



The screenshot shows the SDD interface with the following data tables:

Type	Description	Status	Options
	TSB LTB00621 - Winter Tire Speed Limiting	Not read	<a href="#">Read</a>

**Service**

Type	Description	Status	Options
	SERVICE checksheet	Not read	<a href="#">Read</a>

**Tools**

**Body, Accessories, Security**

Type	Description	Status	Options
	Car configuration management - Current vehicle car configuration modification	Not run	<a href="#">Run</a>

**Service**

Type	Description	Status	Options
	Car configuration management - Session active car configuration selection	Not run	<a href="#">Run</a>

A yellow callout box with the text "Click to run tool" points to the "Run" button in the "Tools" section.

Follow the prompts and instructions on the screen. If your SDD is all up to date in regards to the As-Built and Cal files, and is not timed out, it will successfully scan the car and read the existing CCF from the modules in the vehicle and you will be able to proceed to editing. If the SDD is not up to date you may get an error message which won't let you proceed.

Eventually you will be presented with a screen like this;

Active session car configuration source is: BCM

Module	Status	Description	Type
BCM		Body control module	Vehicle master module

List of personalisation parameters for modification

Description	Current value	Proposed value
Electric vehicle heater	Undefined	
Unused	Parameter not used.	
Collision mitigation by braking	Without collision mitigation by b...	
Forward collision warning	Without forward collision warning	
Lane departure warning	Without lane departure warning	
Park assist camera	Rear camera only	
12 volt outlet luggage	Undefined	
<b>Tire pressure mode system</b>	<b>Without monitoring system</b>	
Oil level sensor	Without engine oil level sensor	

Modification procedure

Description	Current value	Proposed value	HEX	Block	Byte	Bit
Tire pressure mode system	Without monitoring system	Without monitoring system	0x01	2	101	000:007

Tire pressure mode system  
Item help not yet available.

Description = the name of the field which can be edited

Current Value = the value of the field as it was read from the vehicle

Proposed Value = what the field will be changed to with the new selection.

You can select a new Proposed value by clicking on the drop-down menu under “Modification Procedure” when a new value is selected it will be visible in the field above

Active session car configuration source is: BCM

Module	Status	Description	Type
BCM		Body control module	Vehicle master module

List of personalisation parameters for modification

Description	Current value	Proposed value
Forward collision warning	Without forward collision warning	
Lane departure warning	Without lane departure warning	
Park assist camera	Rear camera only	
12 volt outlet luggage	Undefined	
<b>Tire pressure mode system</b>	<b>Without monitoring system</b>	<b>Monitoring system TPMS L without WBL, no ICM function</b>
Oil level sensor	Without engine oil level sensor	
Roll stability control	Undefined	
Electrical vacuum pump - Rear booster	Undefined	
Wheel brakes type rear	Undefined	

Modification procedure

Description	Current value	Proposed value	HEX	Block	Byte	Bit
Tire pressure mode system	Without monitoring system	L without WBL, no ICM function	0x10	2	101	000:007

Tire pressure mode system  
Item help not yet available.

Once you have made the required changes, TURN ON THE VEHICLE IGNITION and press the green tick, follow the instructions. To upload the modified CCF to the vehicle you need to press the green tick again.

If you want to cancel the upload and not make any changes to the CCF, press the red cross (after the green tick).

See more info in the “JLR CCF Management Help Document” PDF file, section 4.2.2, Current Vehicle CCF Modification.

## ADDITIONAL NOTES:

There are many fields in the CCF which are not relevant to the vehicle you are working on. You will often see strange things like options that the vehicle definitely has fitted, but the CCF says “not fitted” “undefined” “error” or “without” in which case you should ignore them. Don’t try to fix something that is not broken! There will sometimes be duplicates but only one of the fields is relevant to that particular vehicle. Be doubly sure that you select the correct field.

Some fields may be hidden, in which case you need to select the checkbox “View All Parameters”

Active session car configuration source is: BCM

Module	Status	Description	Type
BCM		Body control module	Vehicle master module

List of personalisation parameters for modification

Description	Current value	Proposed value
Carriage return / line feed	??	
EUCD reserved area	0000000000000000000000000000...	
Carriage return / line feed	??	
LR reserved area	0000000000000000000000000000...	
L359 Hybrid Audio system rework status	Undefined - Non audio rework	
EUCD data block length	11111100	
EUCD data block checksum	11010011	
Vehicle type	Freelander 2 [LR2]	
Doors	5 door	

Modification procedure

Description	Current value	Proposed value	HEX	Block	Byte	Bit
L359 Hybrid Audio system rework status	Undefined - Non audio rework	Undefined - Non audio rework	0x00	1	256	000:007
		Undefined - Non audio rework				
		Audio rework performed				

L359 Hybrid Audio system rework status  
Item help not yet available.

View all parameters

## ALWAYS:

- Take note of which fields you change, the easiest way is take screenshots as you go
- Make sure the vehicle ignition is turned on before you start an upload
- If you are not sure, ask!