VW Crafter Fog Light Retrofit
Coding Guide (Post-2016 BCM – Adaptation Only)

Prepared for Euro Car Electronics Clients

Many VW Crafter models from mid-2016 onwards use a BCM (Body Control Module) that does not support long coding. All lighting functions must be configured using Adaptation Channels. This document explains how to enable and configure front fog lights using OBDeleven or similar diagnostic tools.

Part 1 – Enable Fog Light Function

1. Turn ignition ON (engine OFF)
2. Connect diagnostic tool
3. Select Module 09 – Central Electronics
4. Open Adaptation
5. Search for: ueber
6. Select: Außenlicht_uebergreifend
7. Select: LDS_mit_Nebellicht
8. Set value to YES
9. Save and confirm
10. Exit software and cycle ignition

Part 2 – Left Fog Light Configuration (Leuchte12NL LB45)

Parameter	Value
Lasttyp 12	10 – allgemeine Scheinwerfer
Lichtfunktion A 12	Nebellicht links
Lichtfunktion B 12	nicht aktiv
Dimmwert AB 12	100
Lichtansteuerung HD AB 12	always

Part 3 – Right Fog Light Configuration (Leuchte13NL RB5)

Parameter	Value
Lasttyp 13	10 – allgemeine Scheinwerfer
Lichtfunktion A 13	Nebellicht rechts
Lichtfunktion B 13	nicht aktiv
Dimmwert AB 13	100
Lichtansteuerung HD AB 13	always

Part 4 – Final Testing

1. Exit diagnostic tool
2. Turn ignition OFF for 30 seconds
3. Turn ignition ON
4. Start engine
5. Switch headlights ON
6. Activate fog light switch
7. Confirm operation

Troubleshooting & Notes

If fog lights do not operate:

• Check wiring to lamps
• Confirm compatible headlight switch
• Verify BCM supports fog function
• Check for fault codes
• Confirm good earth connections

If output is weak:
• Recheck Lasttyp
• Recheck Dimmwert
• Verify Lichtfunktion assignments

Summary

Required coding channels:

• LDS_mit_Nebellicht – Enable fog logic
• Leuchte12NL LB45 – Left fog
• Leuchte13NL RB5 – Right fog

All configuration is completed via Adaptation.
No long coding is required.

Euro Car Electronics – Technical Support Document

For professional installation and support, contact our workshop.