



# OpenHaldex C6 by Forbes Automotive

## Installation Guide

### Overview

Thank you for choosing the OpenHaldex C6 Controller by Forbes Automotive. This guide covers physical installation, wiring, and first-time setup for Generation 1, 2, and 4 Haldex-equipped vehicles.

### Vehicle Compatibility

Supported: Generation 1, 2, and 4 Haldex systems

Not Supported: Generation 3 and Generation 5

#### ■ Recommended Installation — Plug & Play Harness

Approximate install time: 2 minutes

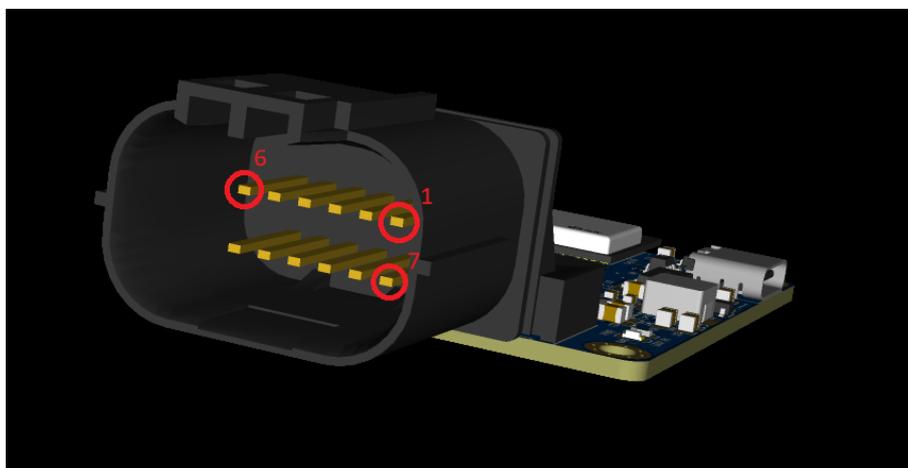
1. Remove the OEM 6-pin connector at the Haldex differential.
2. Route the OEM cable into the boot/trunk area.
3. Feed the long end of the Forbes Automotive harness through the boot floor.
4. Connect the long end to the Haldex differential.
5. Connect the short end back to the OEM vehicle harness.
6. Plug the OpenHaldex C6 into the remaining connector.

#### ■ Manual Wiring — No Harness

Note that all OpenHaldex controllers ordered without harnesses come with the pins required for installation.

Users without the optional plug & play harness will be required to make the following connections to Power/Ground/CAN:

The pins for installation (without the plug'n'play harness) is as follows:



Pin	Signal	Pin	Signal
1	+12V Battery	7	External Mode Switch (+12V)
2	Ground	8	Brake Switch Input (+12V)
3	Chassis CAN Low	9	Brake Switch Output (Gen1 only)
4	Chassis CAN High	10	Handbrake Switch Input (+12V)
5	Haldex CAN Low	11	Handbrake Switch Output (Gen1 only)
6	Haldex CAN High		

## WiFi Setup

1. Connect to WiFi network: OpenHaldex-C6
2. Open browser and go to: <http://192.168.1.1>
3. Configure system settings via the web interface

## Firmware Updates (OTA)

1. Download the latest .bin firmware file from Forbes Automotive
2. Connect to OpenHaldex-C6 WiFi
3. Go to <http://192.168.1.1:81/update>
4. Login: admin / haldex
5. Upload firmware and wait for reboot

### ■■ WARNING / DISCLAIMER

This product modifies Haldex operation and is intended for off-road or closed-course use only. The system may behave unpredictably under fault conditions. Permanent or aggressive lock modes may accelerate drivetrain wear.

**Forbes Automotive accepts no responsibility for damage, injury, or loss resulting from use of this product.**

### TROUBLESHOOTING

If you have any doubts or require any assistance, we have a Discord server full of enthusiasts like yourself ([discord.gg/xS9m3RUDp5](https://discord.gg/xS9m3RUDp5)) who will be happy to offer any assistance. The Forbes Automotive team are also in the Discord. Alternatively, send us an email or social media message. Our email is [sales@forbes-automotive.com](mailto:sales@forbes-automotive.com). Hopefully this document will answer all of your questions, but we'd love to see you in Discord!