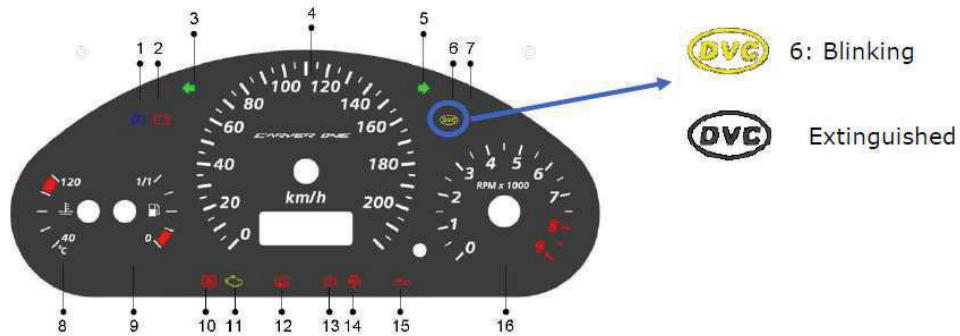


## 1. DVC diagnose code information

If an error occurs in the DVC system, the error will be displayed through a diagnose code on the dashboard of the Carver One. You will be able to find a symbol indicating DVC on your dashboard. The referred symbol is shown in the following image:



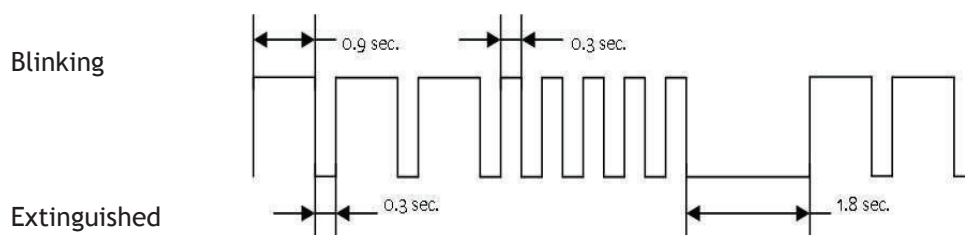
Usually, errors appear during driving. For security you are not able to read the diagnose code whilst driving. When an error occurs during driving in the DVC System, the DVC indicator will blink continuously for 10 times and make 2 audible beeps. To read the diagnose code; the vehicle has to come to a complete stop. The diagnose code will be displayed with the vehicle standing and with ignition on and/or engine running. The DVC indicator on the dashboard shows the diagnose code and has 2 different frequencies of blinking; the first is for tens and the second for the single numbers.

### Example

Below you will find an example of an occurring diagnose code and how to read the diagnose code.

- The DVC indicator blinks 3 times long and subsequently 5 times short. Three times long represents 30 and five times short means 5. Because the two digits need be to one number, they make up the number 35;
- It is possible to have multiple errors at the same moment, these diagnose codes need to be counted until the error appears which has started the line of failures.

To give you a better illustration of the blinking time of the DVC indicator, please find below an example of the schematic display of diagnose code 35.



On the example you see three long pulses of 0.9 seconds and five short pulses of 0.3 seconds in the 'Blinking'.

The DVC indicator is illuminated, the pulse is on the 'Blinking' line. If the pulse is located on the 'Extinguished' line, the DVC indicator will be off or in other words not illuminated.

When the cycle of the failure code(s) is completed, the DVC indicator will not blink for 1.8 seconds before repeating the same cycle of failures which are in the system.

#### 4. DVC diagnose code overview & troubleshooting

Code	Failure description
11	Tilt angle sensor not attached, broken, short circuit to +
12	Wrong adjusted tilt angle sensor (center position)
15	DVC fluid flow in DVC main valve without running engine
16	No DVC fluid flow in DVC main valve when engine is running /No vehicle speed signal
21	Right power steering pressure sensor signal too low
22	Right power steering pressure sensor signal too high
23	Left power steering pressure sensor signal too low
24	Left power steering pressure sensor signal too high
31	Accumulator pressure too low [< 50 bar]
32	Accumulator pressure too high [> 160 bar]
33	Accumulator pressure sensor signal too low, short circuit to GND
34	Accumulator pressure sensor signal too high, short circuit to +
35	Service handle not in upright position
36	BPU pump time too long [> 10 min]
41	Park solenoid, No voltage (12 V), disconnected wire, short circuit to GND
42	Park solenoid, Short circuit to +
43	On/off solenoid, No voltage (12 V), disconnected wire, short circuit to GND
44	On/off solenoid, Short circuit to +
51	PS RIGHT solenoid, No voltage (12 V), disconnected wire, short circuit to GND
52	PS RIGHT solenoid, Short circuit to +
53	PS LEFT solenoid, No voltage (12 V), disconnected wire, short circuit to GND
54	PS LEFT solenoid, Short circuit to +