The test cases here are described using Gherkin syntax, a non-technical, human readable language

The tests are ordered by opcode

# 0xD2: Test\_EVLRN

|  |  |
| --- | --- |
| Given: | The unit under test is in learn mode  a valid eventNodeNumber, event number pair (eventIdentifier)  a valid event variable index  a valid event variable value |
| When: | The cbus message EVLRN is sent |
| Then: | Expect a WRACK message from the unit under test |
| Additional: |  |

# 0xB2: Test\_EVLRN\_INVALID\_EVENT

|  |  |
| --- | --- |
| Given: | The unit under test is in learn mode  a valid eventNodeNumber, event number pair (eventIdentifier)  a valid event variable index  a valid event variable value  node parameter [4] – number of events supported by this module |
| When: | Try sending multiple EVLRN messages (with unique eventIdentifiers) until the number has exceeded the number of events supported by the module |
| Then: | Expect a CMDERR ‘Invalid Event’ message when the event limit is exceeded |
| Additional: |  |

# 0xD2: Test\_EVLRN\_INVALID\_INDEX

|  |  |
| --- | --- |
| Given: | The unit under test is in learn mode  a valid eventNodeNumber, event number pair (eventIdentifier)  a invalid event variable index  a valid event variable value |
| When: | The cbus message EVLRN is sent |
| Then: | Expect a CMDERR ‘Invalid Event Variable Index’ message |
| Additional: |  |

# 0xD2: Test\_EVLRN\_SHORT

|  |  |
| --- | --- |
| Given: | The unit under test is in learn mode  a valid eventNodeNumber, event number pair (eventIdentifier)  a valid event variable index  a valid event variable value |
| When: | The cbus message EVLRN is sent with the last data byte missing |
| Then: | Expect a GRSP ‘Invalid Command’ message |
| Additional: |  |