

# X15 Cummins 5865 code

---



[Seth Thaxton](#) 2 posts since Jun 26, 2020

**X15 Cummins 5865 code** Jan 7, 2021 8:38 PM

Hello, 122SD Truck SN KM3950 Engine ECM 80082778 Cummins X15 116 Has code 5865 active for DEF fluid command CKT shorted to ground,, I have followed EDS and called Cummins tech support level 2, Checked wires from def pump to relay and from relay to engine ECM. All wires passed load test with headlamp bulb and only dropped 0.1 volts, removed and inspected harness, Have overlayed and repined def pump control ckt from engine ECM J2 pin 79 to relay pin 85, ovelayed def pump supply ckt, from pin 87 of relay to pin 35 of J1 at engine ecm and pin 2 of def pump,, replaced ECM per Cummins tech support and DEF pump per EDS, 12 B+ at relay and Ground at relay load test, DEF pump runs and builds pressure if B+ is jumped to pin 85 of relay, If i remove Pin 87, DEF pump supply, from the relay the code goes inactive, to sum it up, code for short ckt to DEF pump, def pump relay, replaced ECM, Terminals at ecm, all wires that ho to the ecm and pump from relay, i have ran out of things to test,



[Seth Thaxton](#) 2 posts since Jun 26, 2020

**Re: X15 Cummins 5865 code** Jan 8, 2021 8:39 PM

Solved, found a DEF pump speed signal wire to the ecm open, repaired speed signal wire and code went inactive,