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> SS 3081-FTL2021 VRDU Fault Code 232/524000/19 and ...

## SS 3081-FTL2021 VRDU Fault Code 232/524000/19 and 232/524049/19 – ECU CPC Data Error

### **Applicable Vehicles:**

New Cascadia

### **Symptoms:**

Receiving fault codes:

- VRDU – 232/524000/19 – ECU CPC data error
- VRDU – 232/524049/19 – ECU MSF data error

### **Issue:**

This VRDU code typically sets after the VRDU gets reprogrammed and parameters to clear out. To prevent this from happening in the future, follow the programming guide laid out in SB 54-308. Parameter changes during flashing can occur if the programming steps are not followed.

### **Solution:**

1. Find the parameter within the VRDU parameter folder labeled 'Function ABA'.
2. Click the plus button next to the folder.
3. Under the 'no kickdown switch installed', double click the Value field so the dropdown appears.
  1. Select the parameter 'Fragment ABA kickdown switch installed: no'.
4. Under the 'no ABA switch installed', double click the Value field so the dropdown appears.
  1. Select the parameter 'no ABA Switch installed'.
5. Click 'send' at the bottom of the screen.
6. The Fault codes should then go inactive.

The screenshot shows a diagnostic tool interface with a tree view on the left and a parameter list on the right. The tree view includes 'SRRR01T - Side Radar', 'MS01T - Maintenance System', and 'VRDU02T - Video Radar Decision Unit 2'. Under 'Function ABA', several parameters are listed, including 'no aba switch installed', 'no kickdown switch installed', 'no turn signal driver activity', and 'additional optical warn time'. The parameter list on the right shows details for 'no ABA Switch installed' and 'no turn signal driver activity'. Red callout boxes provide instructions: 'Click the plus button in order for sub-parameters to appear.' (pointing to a plus icon), 'Click on dropdowns to switch parameters to 'no ABA Switch installed' and 'Fragment ABA kickdown switch installed: no' (pointing to dropdown menus), and 'After you have changed the parameter, click the send button. Fault should go inactive.' (pointing to a 'Send...' button).

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