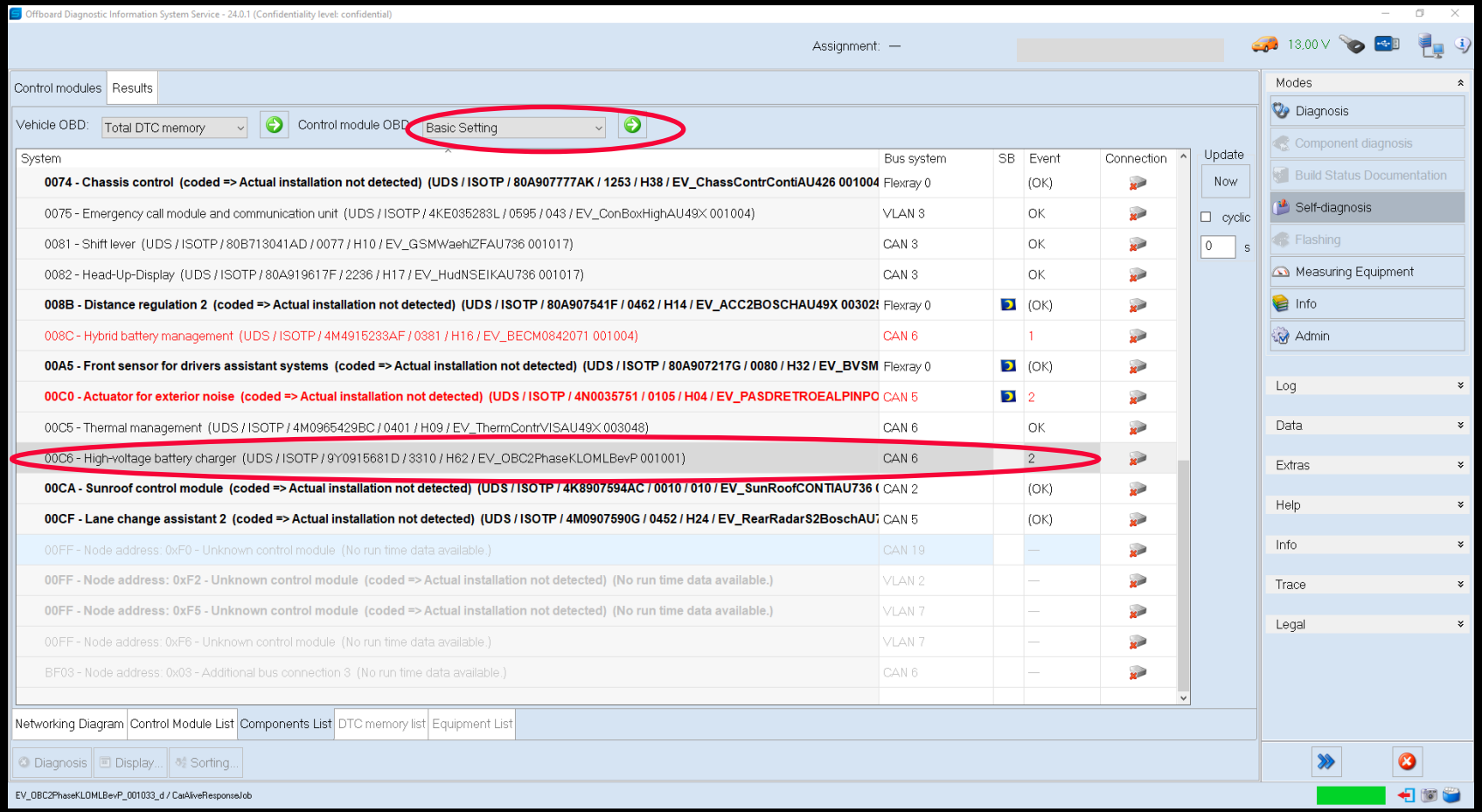
# Q5 PHEV 2024
# HV Charger DTC B200000: Control module faulty
# Fault clearing procedure

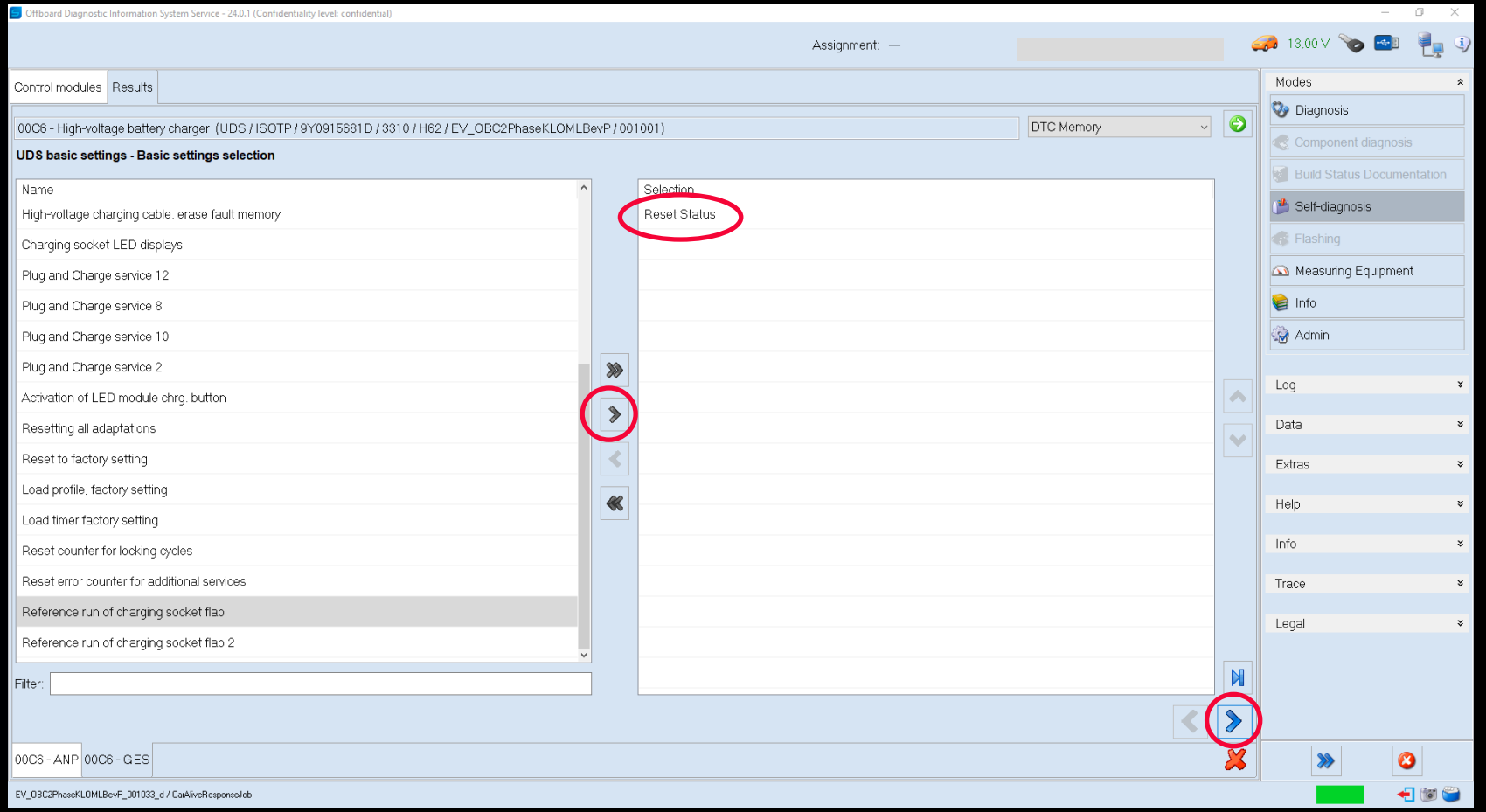
Audi of America | June 2024

# B200000
# Fault Clearing Procedure



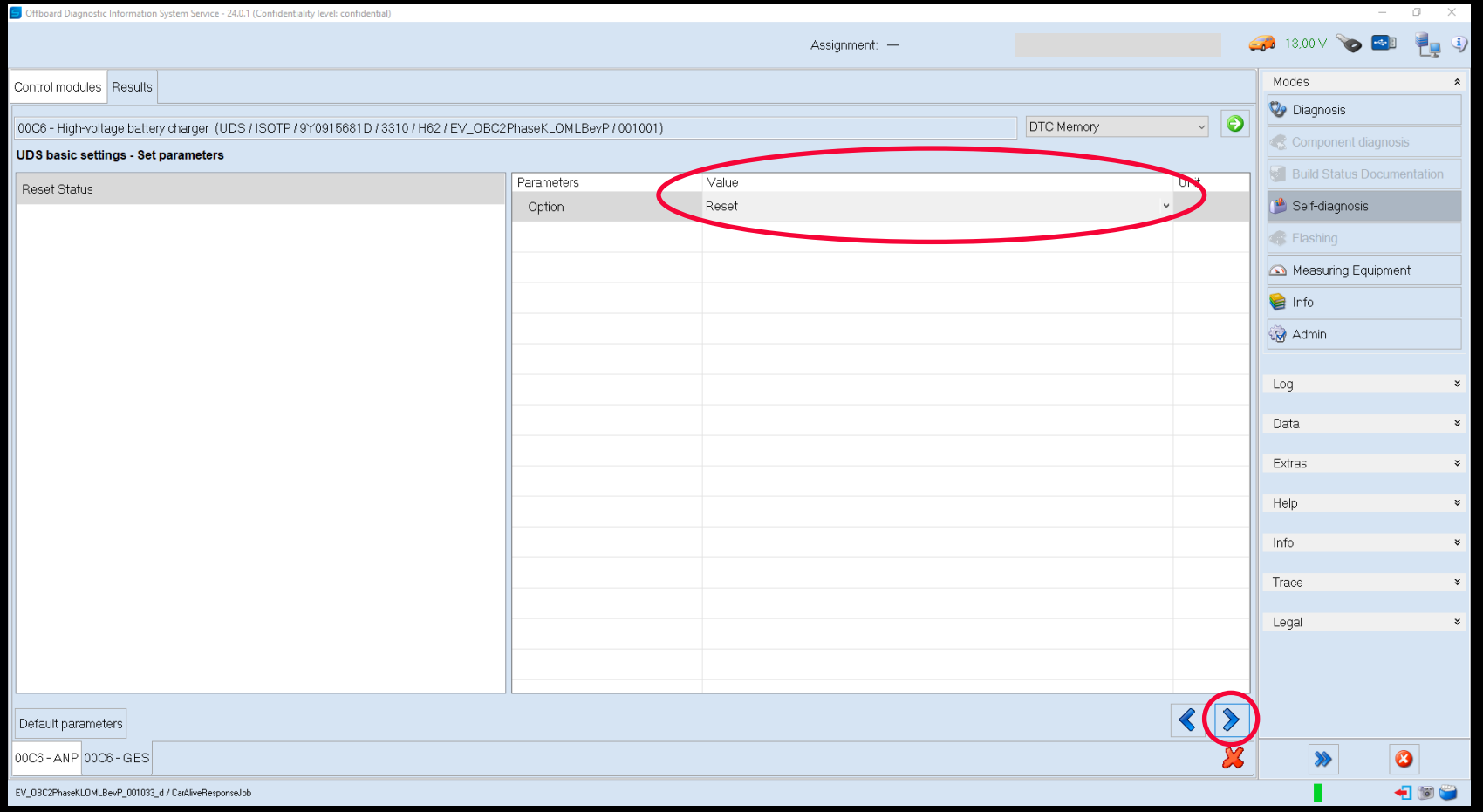

3. Open ODIS and enter Self-diagnosis.
4. Select *00C6 – High-voltage battery charger.*
5. In the drop-down box next to “Control module OBD”, select *Basic Setting.*
6. Click on the green arrow next to drop-down box you just selected *Basic Setting* in.

# B200000
# Fault Clearing Procedure



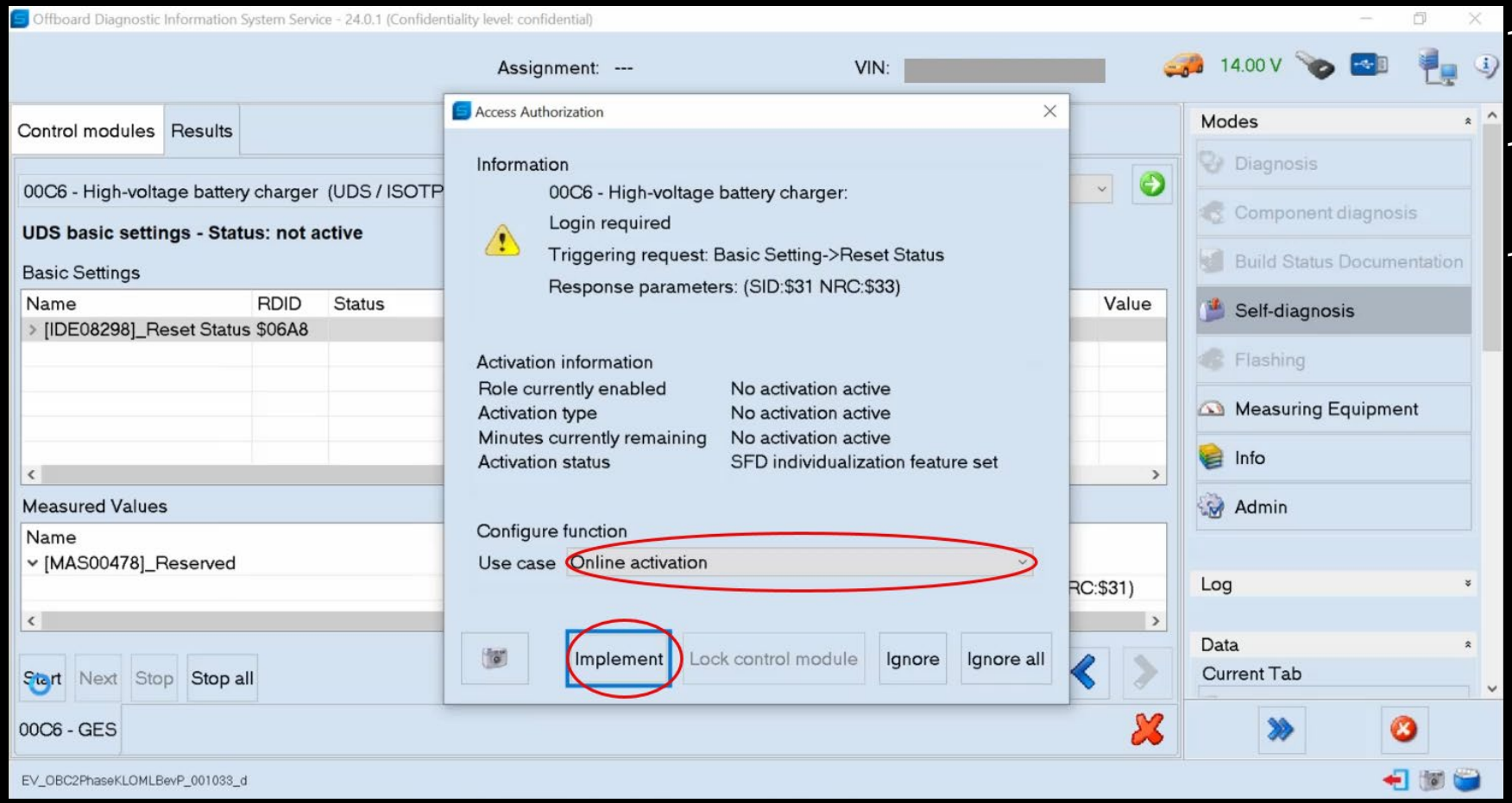

7. Find and select the basic setting routine *Reset Status.*
8. Click on the right arrow to continue.

# B200000
# Fault Clearing Procedure



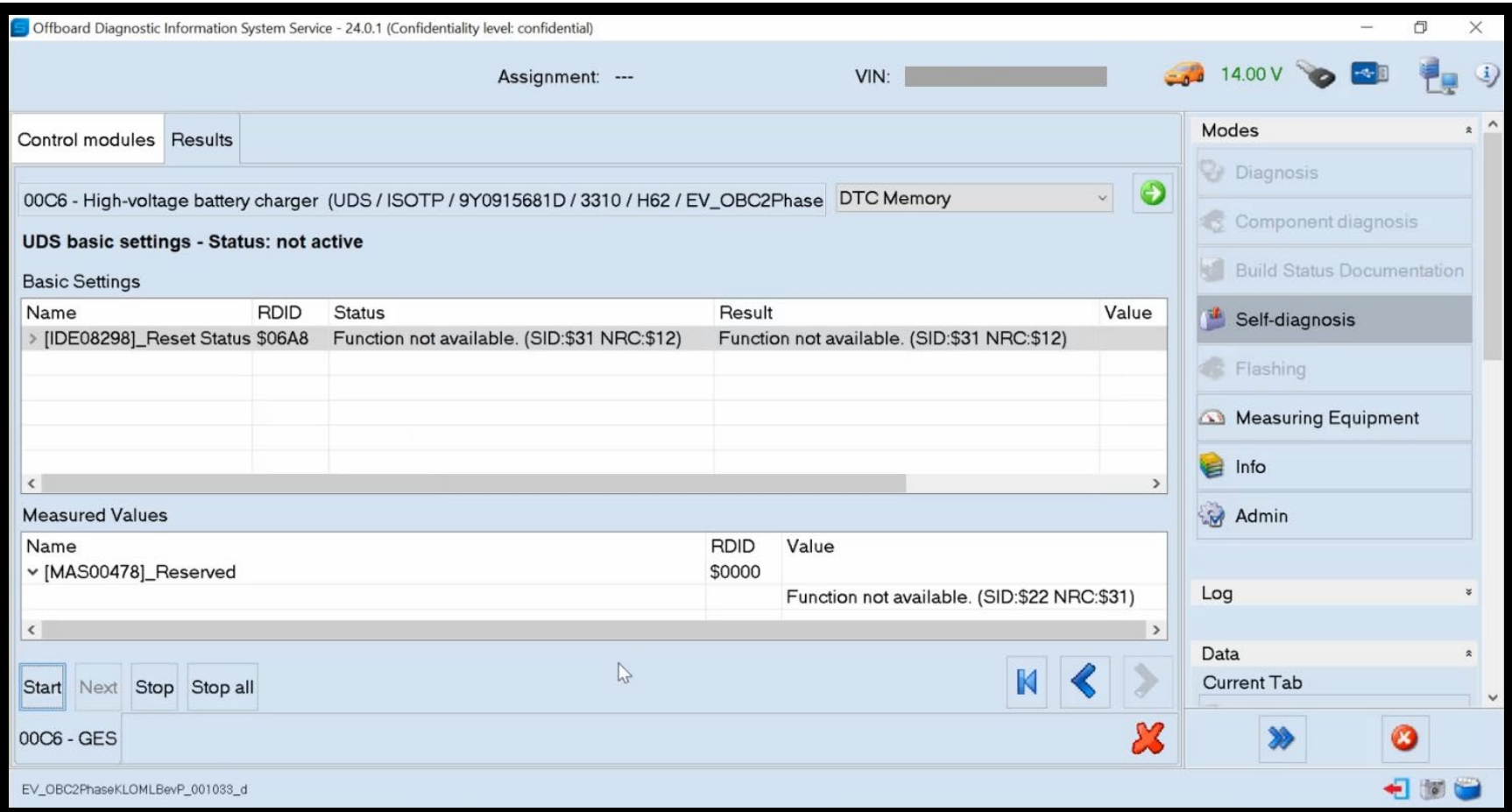

9. Under Parameters, select the value *Reset*.
10. Click on the right arrow to continue.
11. On the next screen, select the only available measured value. Make sure it moved listed into the right list-box via the arrow buttons in between the two list-boxes.
12. Click on the right arrow to continue.
13. On the next screen, click on *Start* (on the bottom left side of the ODIS window).

# B200000
# Fault Clearing Procedure



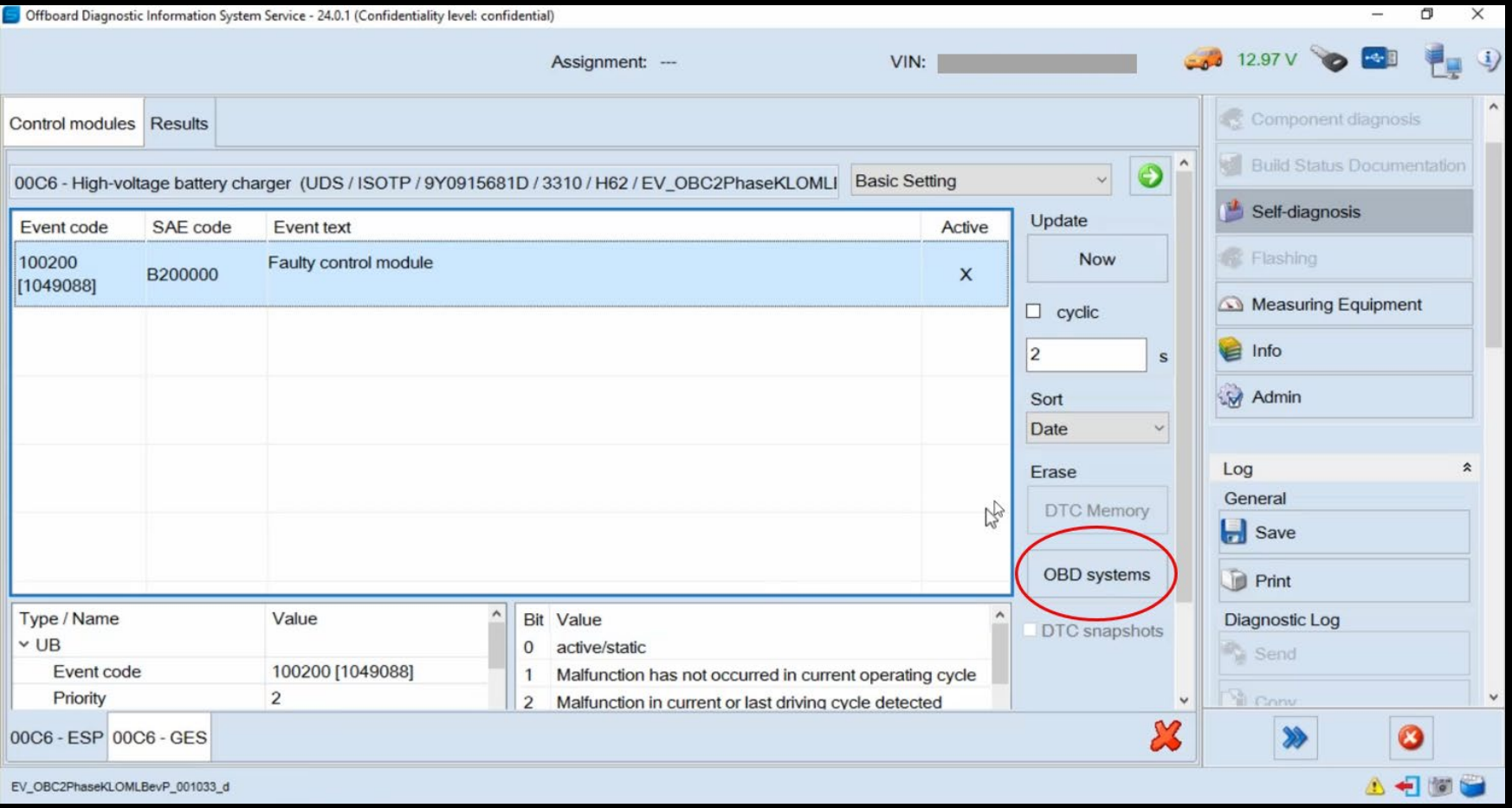

14. An access authorization dialog-box should pop up.
15. In the drop-down box next to “Use case”, select *Online activation.*
16. Click on *implement.*

# B200000
## Fault Clearing Procedure



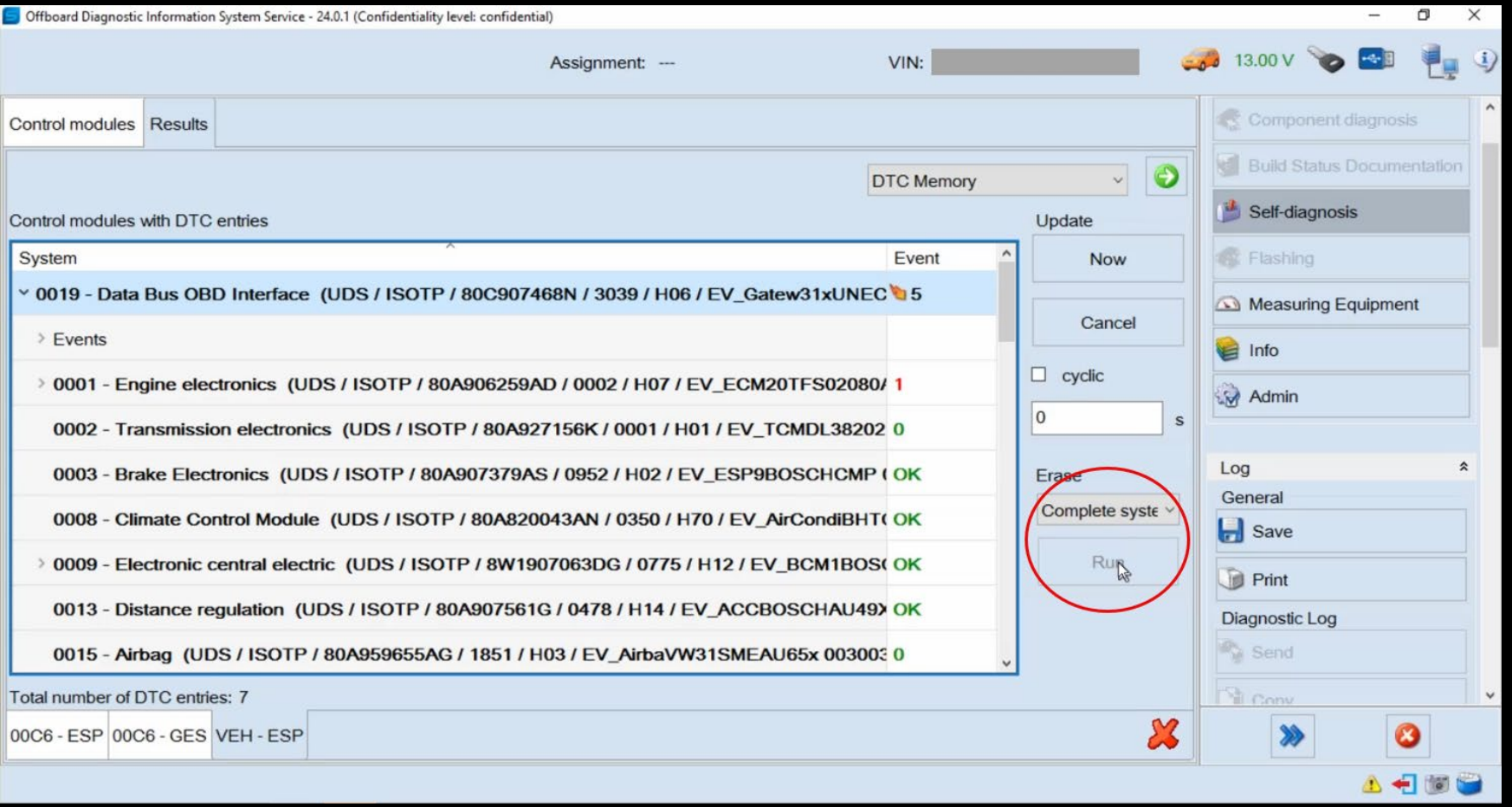

17. Start basic settings.
18. The “Status” of Function not available is okay.
19. Click the green arrow to run “DTC Memory”

# B200000
# Fault Clearing Procedure




20. You should see the following DTCs stored Active/Static
21. Select Erase OBD systems
22. The DTC is now clear

# B200000
# Fault Clearing Procedure




23. Select “Vehicle OBD” Total DTC Memory
24. Select Erase “Complete system” “Run”
25. Cycle the ignition and shift to drive and reverse twice and ensure the MIL is no longer illuminated.

# B200000
# Fault Clearing Procedure

## Verification:

- Verify the charging function of the ULK
  - Does it charge on 220V?
  - Does it charge on 110V (when set to 50%)?
- Verify that the MIL is off and that no related warning messages are displayed on the instrument cluster.
  - Drive the vehicle in at least two different charging sessions (a few feet forward and back are enough).
- Re-read the DTCs in the High voltage battery charger control module –J1050- (address word 00C6).
  - Report to TAC if any DTCs are entered.

# Thank You!