# Global B - How to Delete a DTC

Note: The specific DTC you are removing may have additional changes aside from the ones mentioned below.

Changes in DaVinci Configurator:

* Dem/DemConfigSet/DemEventParameters/DTC\_0xXXXXXX
  + Uncheck Event Available
* Dem/DemConfigSet/DemEventParameters/DTC\_0xXXXXXX/DemCallbackEventStatusChangeds
  + Delete the callback
* ECU Software Components > Application Components > SWC\_DTC\_Handling > Service Ports
  + Disconnect the Diagnostic Monitor port.
* ECU Software Components > Application Components > DEM\_SUMS\_Adapter > Service Ports
  + Disconnect the DEM\_CBStatusEvt\_DTC\_xxxxxx port
* ECU Software Components > Application Components > SUM\_ERRH > Service Ports
  + Disconnect the SUM\_Event\_DTC\_xxxxxxx port
* SwcSumGm/ERRH/ERRH\_DTC\_Triggered\_Message/ERRH\_Additional\_DTCs:
  + Delete the DTC if necessary
* SwcSumGm/ERRH/ERRH\_Monitored\_SUM\_Fsl\_Cfg/ERRH\_Monitored\_SUM\_Fsls – for DTC U042300 only:
  + Delete the ERRH\_Monitored\_SUM\_Fsls
* SwcSumGm/ERRH/ERRH\_Monitored\_ECUs – for Loss of Com DTCs only:
  + Delete the monitored ECU and associated DTC.

Changes in DaVinci Developer:

* In SWC\_DTC\_Handling component.
  + Under the SWC\_Read\_DTC\_Status runnable entity, remove the xxxxxxx\_DiagnosticMonitor.GetEventStatus port access.
  + Under Service Ports, delete the xxxxxxx\_DiagnosticMonitor port.
* In the DEM\_SUMS\_Adapter component.
  + Delete the CBEventUdsStatusChanged\_DTC\_xxxxxxx… runnable entity.
  + Delete the CBEventUdsStatusChanged\_DTC\_xxxxxxx… service port.
  + Delete the DEM\_CBStatusEvent\_DTC\_xxxxxx service port.

Generate the code for SwcSumGm, Dem and Rte.

Generate the templates for DEM\_SUMS\_Adapter and SWC\_DTC\_Handling.

Manually remove application code for the DTC from DEM\_SUMS\_Adapter and SWC\_DTC\_Handling.