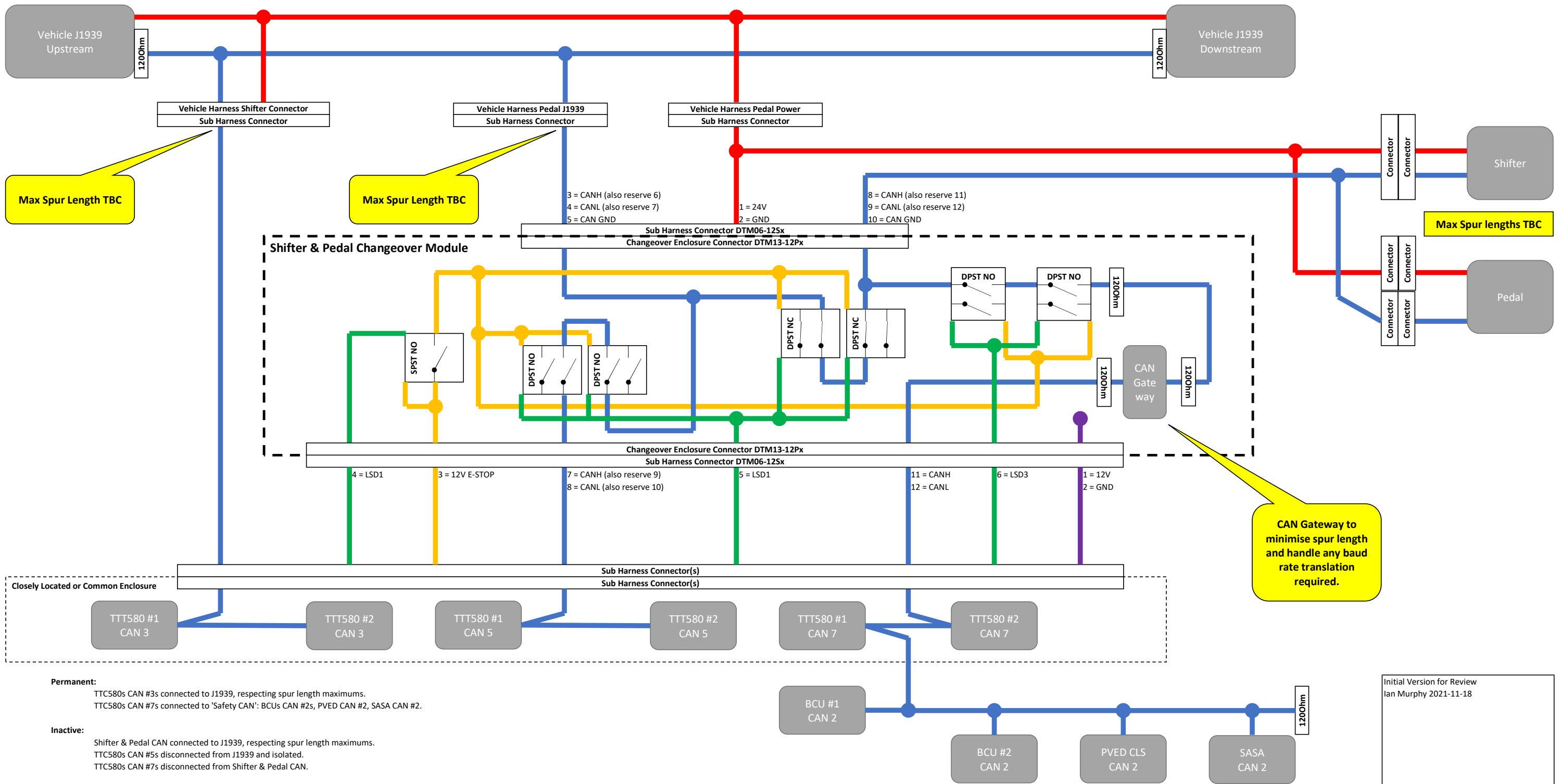


Terberg YT202EV Shifter & Pedal Changeover Architecture

CAN H & L Twisted Pair: 24V Power & GND Pair 12V E-Stop Power LSD Relay Coil Control: 12V ECU Power & GND



Permanent:
TTC580s CAN #3s connected to J1939, respecting spur length maximums.
TTC580s CAN #7s connected to 'Safety CAN': BCUs CAN #2s, PVED CAN #2, SASA CAN #2.

Inactive:
Shifter & Pedal CAN connected to J1939, respecting spur length maximums.
TTC580s CAN #5s disconnected from J1939 and isolated.
TTC580s CAN #7s disconnected from Shifter & Pedal CAN.

Active:
TTC580s CAN #5s connected to J1939.
Shifter & Pedal CAN connected to TTC580s CAN #7s.

Initial Version for Review
Ian Murphy 2021-11-18