INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552(B)(6)

SET [redacted] Clutch Position Error

Dealer Procedure:

1. Collect Vehicle Scan Report (VSR)
2. Collect the following K0 Clutch Adaptation data using Witech:
   Select DDE Group "Adaptive Clutch Values"
   - [redacted]
   - [redacted]
   - [redacted]
   - [redacted]
3. Attempt to replicate the customer narrative.
   a. Is the concern repeatable.
      i. If NO, skip to step 4.
      ii. If YES, Record details of maneuver (trans temp, driving scenario, grade, vehicle speed, gear, engine speed, accelerator pedal position) [Include any other appropriate verbal description]
4. Perform a Transmission Standstill Adaptation using the Witech Routine:
   a. PHEV Quicklearn
   b. If PHEV Quicklearn is unavailable in Witech, Reset Adaptives and proceed to step 6. Transmission temperature will need to be above 50C.
5. Again, collect the same K0 Clutch Adaptation data (from step 2) using Witech.
   a. Check that Clutch- K0 - fast filling counter and Clutch- K0 - filling counter are equal to one (1).
      i. If No, Repeat step 4
      ii. If Yes, Go to step 6
6. Turn the vehicle OFF. Let the vehicle go to complete sleep. Then turn vehicle back ON (Intention: Key Cycle)
7. Shift vehicle into M-Mode (Manual Mode) on shifter. Combustion engine should come ON. Drive for 1 min below 5 mph. Come to a stop and shift back to Drive mode and wait until combustion engine turns OFF (Intention: To get K0 closed and open)
8. Repeat step 7 two (2) more times.
9. Switch the vehicle into Electric Mode (EV -Mode). Shift into Drive and Keep brake ON. Wait 5 min in this configuration. (Intention: To get K0 adaptations in Drive). If the [redacted] sets during this step, then proceed using the current standard [redacted] diagnostic.
10. Collect Clutch- K0 - fast filling counter and Clutch- K0 - filling counter using Witech
    a. If the counters are 3 or more then,
       i. Confirm that Clutch- C0 - filling pressure [mbar] is **below** 550 mbar. STOP here and return the repaired vehicle to the customer.
       ii. If the Clutch- C0 - filling pressure [mbar] is **above** 550 mbar, proceed using the current standard [redacted] diagnostic.
    b. If the counter is lower than 3
       i. Repeat Step 7 through Step 9.
       ii. If counters are not increasing after 2 attempts, then, proceed using the current standard [redacted] diagnostic.