

CALIBRATION

1. INITIALIZATION OF TORQUE SENSOR ZERO POINT CALIBRATION SIGNAL

NOTICE:

Under the following conditions, perform the torque sensor zero point calibration after initializing the torque sensor zero point calibration signal in the ECU:

- The steering column (containing the torque sensor) has been replaced.
 - The power steering ECU has been replaced.
 - The steering wheel has been replaced.
 - The steering gear assembly has been replaced.
 - There is a difference in right and left steering effort.
- (a) Center the steering wheel and align the front wheels straight ahead.
 - (b) Connect the intelligent tester (with CAN VIM) to the DLC3.
 - (c) Turn the power switch ON (IG) and then initialize the torque sensor zero point calibration signal by following the directions on the tester screen.

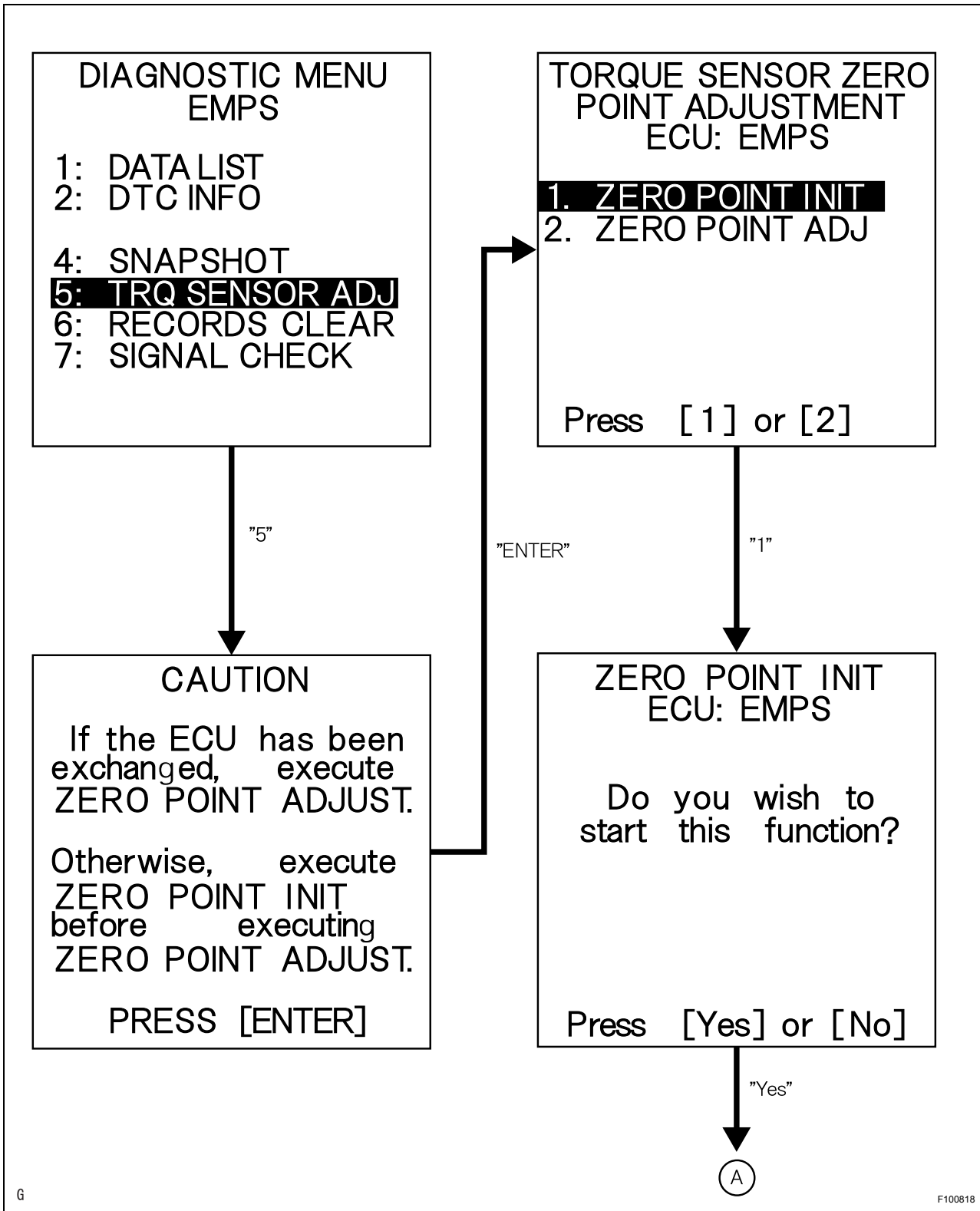
NOTICE:

Do not turn the steering wheel while initializing the zero point calibration signal.

- (d) Perform steering zero point calibration after turning the power switch OFF.

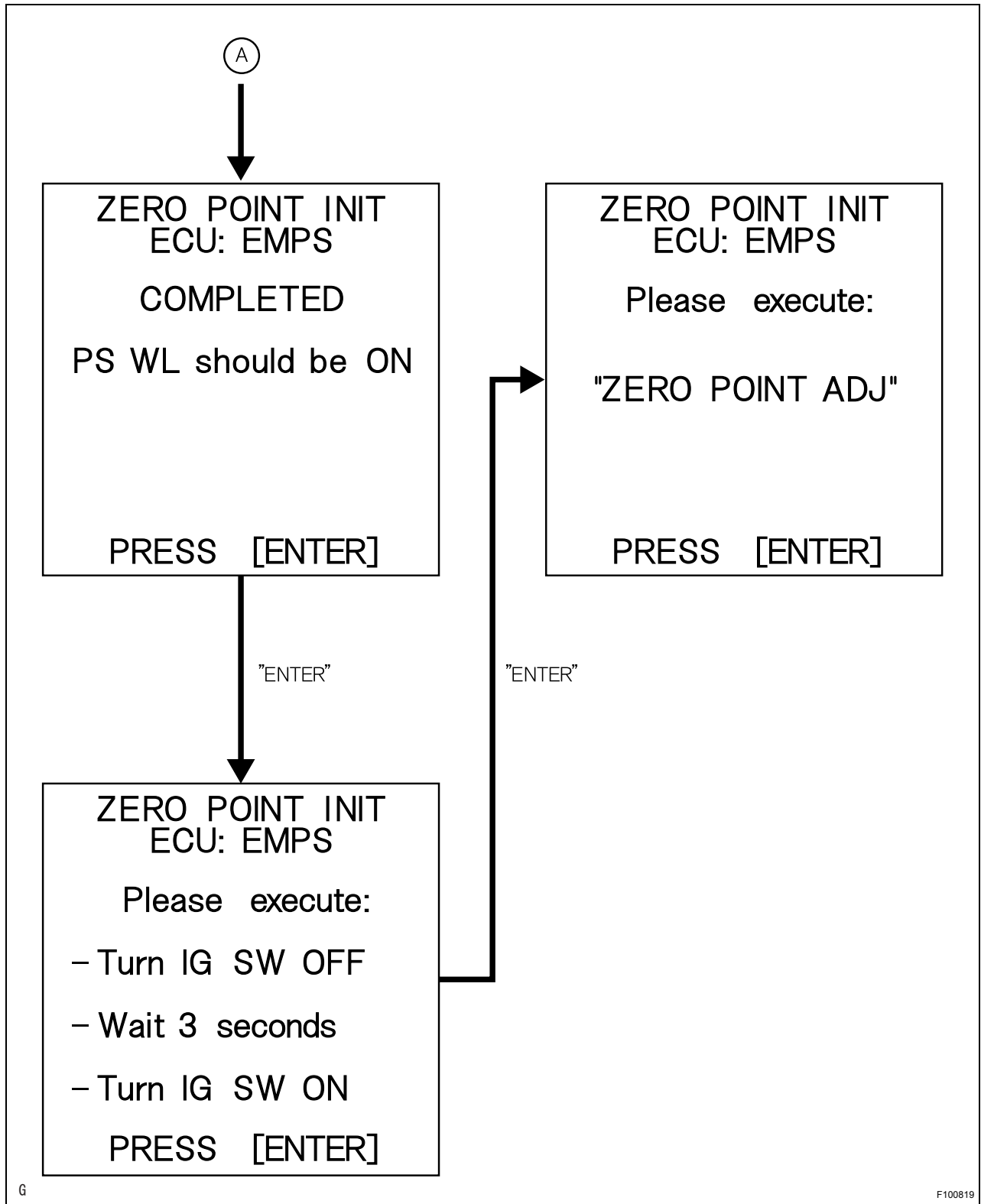
NOTICE:

Zero point calibration cannot be carried out with the power switch ON (IG) after initialization of the zero point calibration signal is completed.



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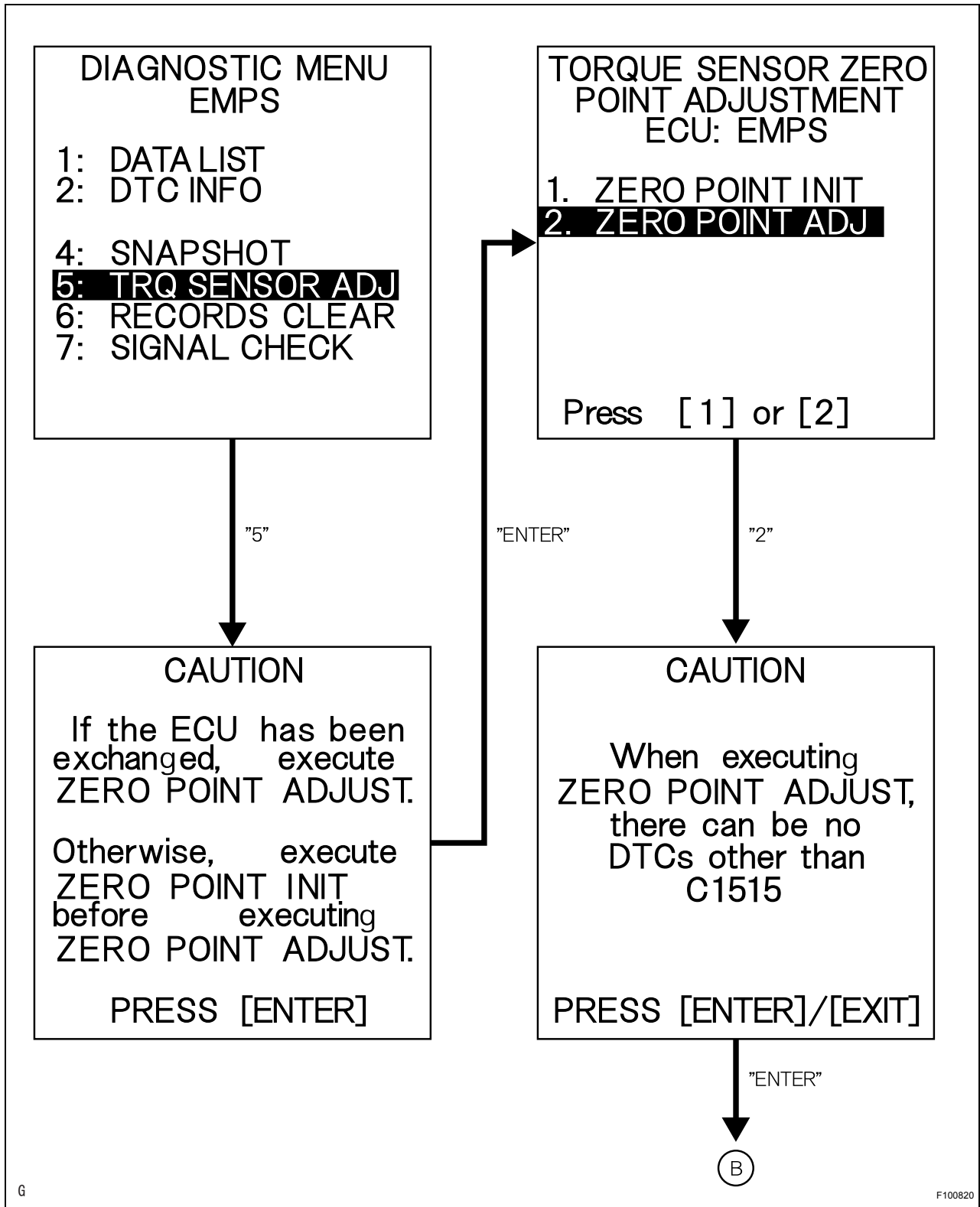
**2. TORQUE SENSOR ZERO POINT CALIBRATION**

- (a) Center the steering wheel and align the front wheels straight ahead.
- (b) Connect the intelligent tester (with CAN VIM) to the DLC3.

- (c) Turn the power switch ON (IG) and then perform the zero point calibration by following the directions on the tester screen.

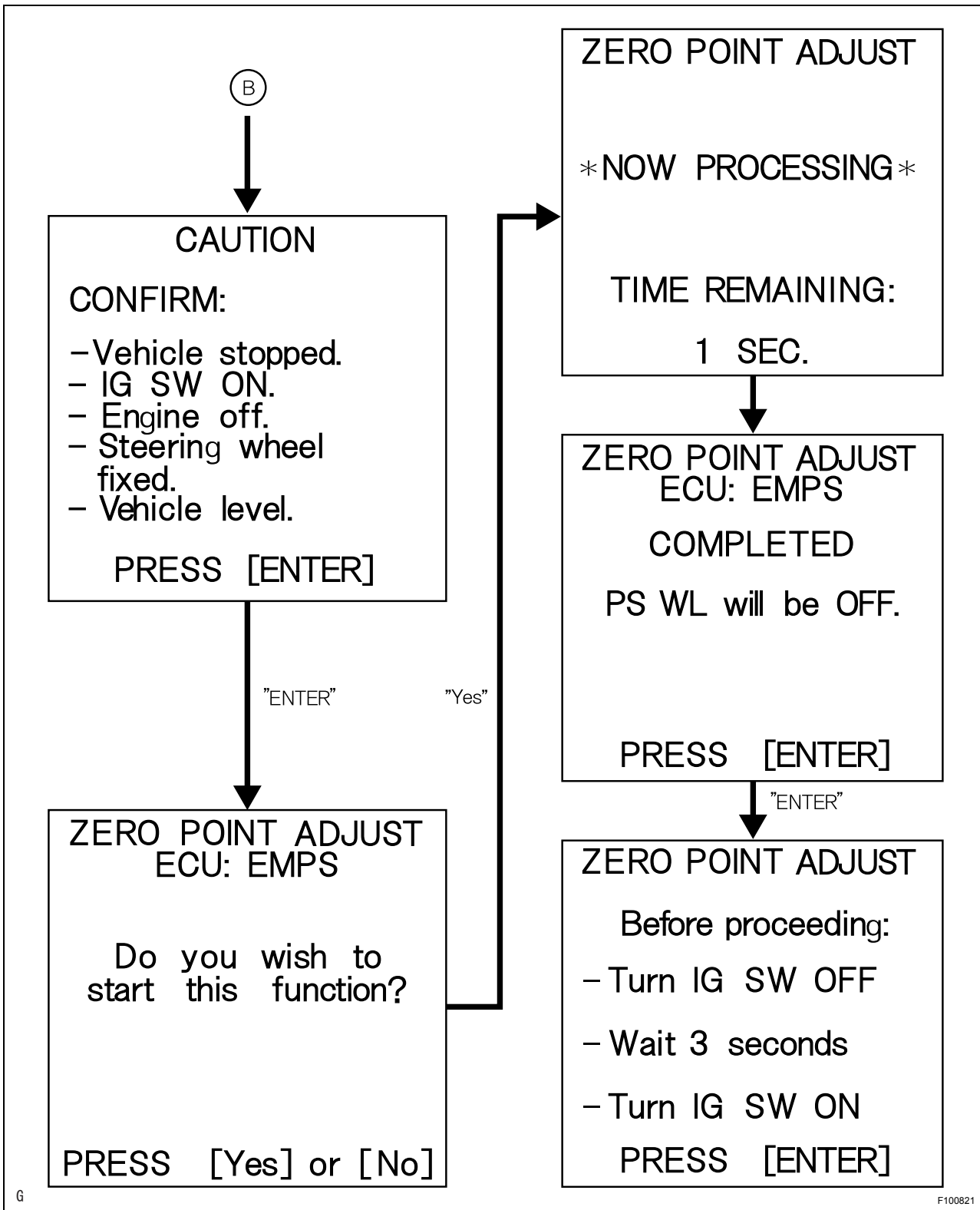
NOTICE:

- **The vehicle is stopped.**
 - **Do not start the engine. (Do not turn the power switch ON (READY).)**
 - **Do not turn the steering wheel.**
 - **The vehicle is on level ground.**
- (d) Confirm that no DTCs are output after completing the operation.
- (1) When DTC C1515 is output, refer to the following procedures (see page [PS-32](#)).
 - (2) When DTC C1516 is output, refer to the following procedures (see page [PS-33](#)).
 - (3) When DTC C1534 is output, refer to the following procedures (see page [PS-36](#)).



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