

CALIBRATION

1. INITIALIZATION OF TORQUE SENSOR ZERO POINT CALIBRATION SIGNAL

NOTICE:

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

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

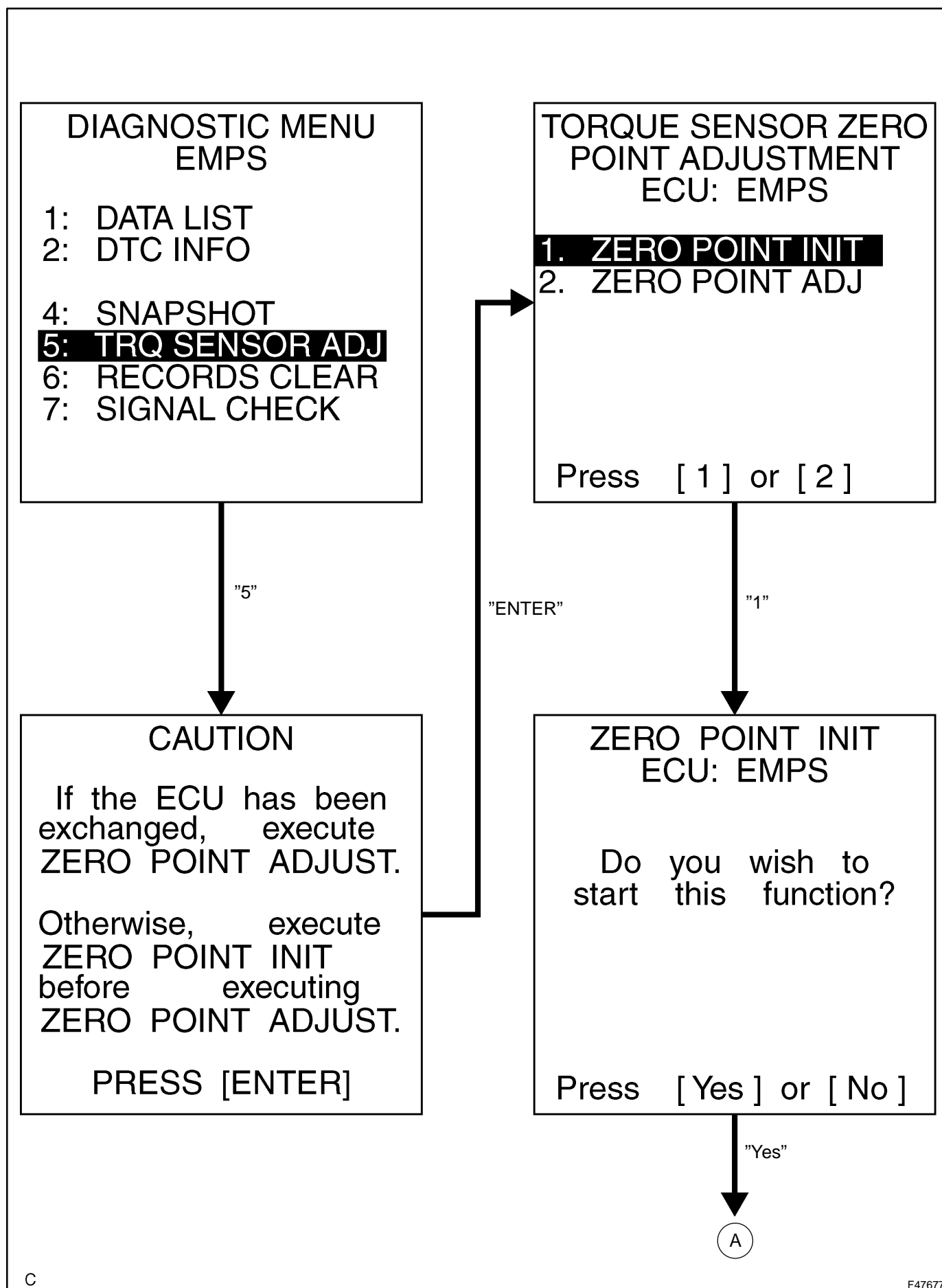
NOTICE:

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.

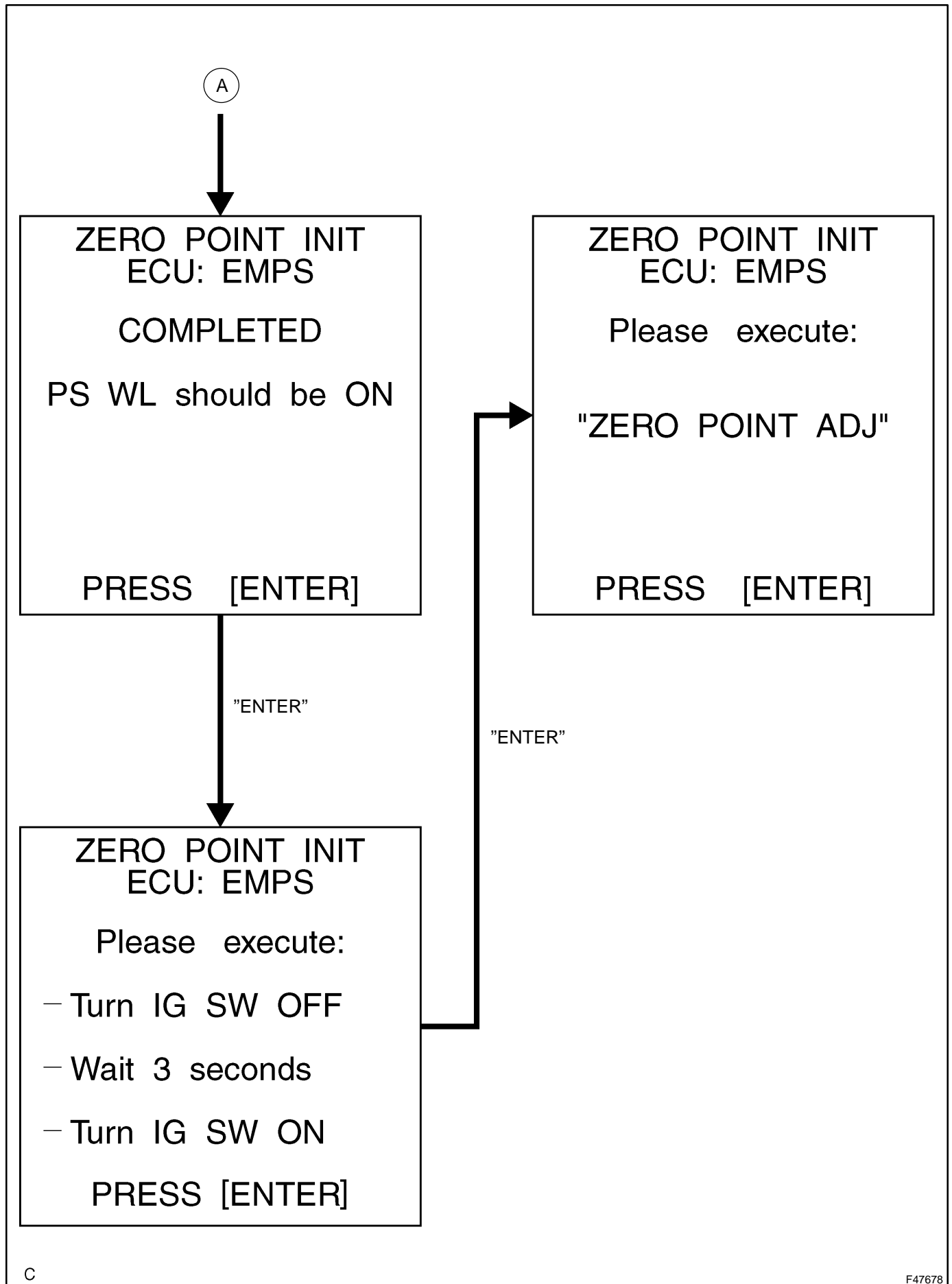
NOTICE:

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 hand-held tester to the DLC3.
- (c) Turn the power switch on (IG) and then perform the zero point calibration by following 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, see page [05-1230](#) .
 - (2) When DTC C1516 is output, see page [05-1231](#) .
 - (3) When DTC C1534 is output, see page [05-1234](#) .

