

Electric Power Steering Installation

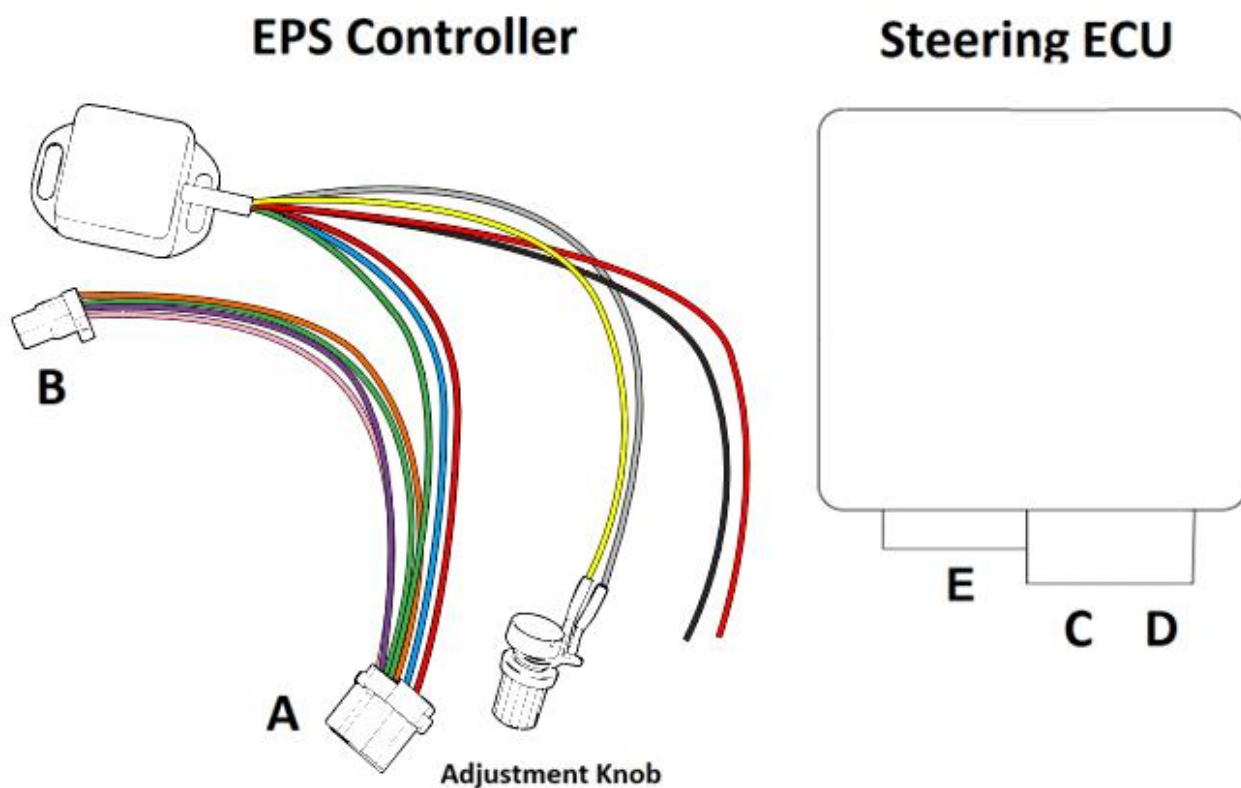
Versa EPS Controller

2007-12 Nissan Versa



Please read before you begin:

- Review the [BestPractices.PDF](#) at www.ePowerSteering.com under Installation. It is regularly updated. Other parts can be found at our online store at www.ePowerSteering.com/purchase.
- We highly recommend the Steering ECU be mounted where it can be protected from the weather, but do not totally enclose it in a box. Mount it directly to bare metal to act as a heat sink.
- Install the Adjustment Knob in a convenient place that can be reached while driving.



- The plug labeled 'A' with 6 wires gets connected to the Steering ECU receptacle labeled 'E'.
- The plug labeled 'B' gets connected to the Steering torque sensor.
- The red wire going out of the Controller Box gets connected to an ignition switched 12V power supply.
- The black wire going out of the Controller Box gets connected to a ground point. Closest chassis ground is recommended.
- Connect the yellow wire from the Adjustment Knob to the yellow wire from the Controller Box. Connect the gray wire from the Adjustment Knob to the gray wire from the Controller Box.
- The receptacle labeled 'C' on the Steering ECU is where the power plug is connected. The top spade connector (closer to the cover top) should be connected to the battery ground. The bottom spade connector should be connected to the positive side of a 12V battery. The use of a 60 AMP fuse is advised. We recommend using a 10AWG wire or larger for these two connections.
- The receptacle labeled 'D' on the Steering ECU is where the plug from the electric motor is connected.

Basic System Verification:

- Turn Adjustment Knob fully counterclockwise (left).
- Turn Ignition ON. You should hear the relay click on once.
- Turn the Adjustment Knob slowly clockwise. While you turn the Adjustment Knob you must wait for the Steering ECU to adjust the steering assistance level. The amount of assistance is not immediately felt. It may take a few seconds for the assistance to change.

Adjusting Steering Assistance:

- If you turn the Adjustment Knob fully counterclockwise (left) you will have minimal steering assistance.
- If you turn the Adjustment Knob fully clockwise (right) you will have the maximum steering assistance.
- Between these two points you have various intermediate steering assistance levels.
- There is no off.