

## Information Required for Calibration of Celect/Celect Plus ECMs

Engine Serial Number	
Rear Axle Gear Ratio	
Rear Axle Tire Size	
Autoshift/Automatic/Eaton Top 2 or Standard Transmission?	
For over 430hp: Transmission model number	
<b><i>CELECT PLUS ONLY:</i></b> Engine fan override switch installed?	
HP Requests	
Special Requests (idle shutdown, speed limit, etc)	

### **Engine Serial Number:**

- This is an 8 digit number that *usually* starts with a 3 (M11 and L10) or a 1 (N14). It is located on the engine data plate.
- This is NOT the VIN number.
- ***In extreme cases (where the engine data plate is gone or can't be read)***, the ESN is stamped into the passenger side of the engine block toward the rear. Last ditch effort is to call a dealer with truck VIN and get the original engine serial number that the truck shipped with new. Do this **ONLY** if you are **SURE** the engine has not been switched. It is far better to have the ECM sent in to be read, or have a local dealer read the ECM (if the ECM is responsive).
- If you cannot get the engine serial number, we **MUST** have your CPL number and ECM part number.
- Also known as ESN, Engine Number, or S/N.

### **Engine Data Plate.**

- Located on the driver's side of the engine on the rocker box.
- Contains Engine Serial Number and CPL number, and other info we don't need.

### **Rear Axle Gear Ratio**

- Located on either: door jam information sticker, glove box information sticker, or on the stamped ID tag on the axle pumpkin bolt. Customer can also find this by calling his local dealer with his VIN.

### **Engine Fan Switch:**

- **Celect Plus ONLY!**
- We need to know if the switch uses the ECM (connection between wires A-19 and B-10) to indicate manual fan override.
- If a switch was installed, or the OEM installed a switch NOT using the ECM, indicate NO.
- If you have **no** manual fan switch, indicate NO.
- Peterbilt trucks: About 50/50 chance of the OEM using the ECM. Sometimes they do, sometimes they don't. Unless you do a wiring check, there is no way to know for sure (without having the ECM read) on a Peterbilt truck.
- If you are unsure about the switch, indicate NO. This is the "safe" answer. If we indicate YES and your switch **does not** use the ECM, your engine fan will not shut off until this option is disabled in the ECM. If we indicate NO, your fan will still engage automatically, you just may lose the manual option if your switch **does** use the ECM.

**Any questions, please call:**

**DSO Industrial, LLC (320) 275-9760**