5.27   PASSWORDS

DDEC VI is capable of providing password protection for groups of parameters or a fleet password for all parameters.

5.27.1   OPERATION

A Password of zero is used to deactivate the protection. The lockout passwords may be up to 4 ASCII characters. Each level can have its own unique password.

Passwords can be activated with DDDL 7.0, VEPS or DRS. Once activated the parameters may not be changed until the correct password is reentered. The CPC is automatically locked at the next ignition cycle.

Groups selected for additional password protection are listed in Table 5-99.

Level	Parameters Protected
1	General Password – all parameters in all groups will be protected when this level is set
2	Vehicle Speed Settings – parameter groups that contain primary settings governing the speed of the vehicle. All parameters in following groups are protected when this password is set: ☐ PGR003 – Common Limiters ☐ PGR008 – Vehicle Speed Sensor ☐ PGR015 – Cruise Control (minus the "Cruise Power" parameter for rating changes)
3	PTO / Idle Settings – parameter groups that contain settings related to idle, idle shutdown, and PTO of the vehicle. All parameters in the following groups are protected when this password is set: ☐ PGR007 – PTO ☐ PGR017 – Idle and PTO Shutdown
4	System Settings – parameter groups that contain settings related to systems on the vehicle. All parameters in the following groups are protected when this password is set: ☐ PGR002 – Vehicle Parameters I ☐ PGR010 – Engine Brake ☐ PGR012 – Optimized Idle ☐ PGR019 – Automatic Fan Activation
5	Engine Protection Settings – the parameter group that contain settings for engine shutdown options and Engine Rating Selection – There is one parameter in this section, the "Cruise Power" parameter from group 15. This parameter allows the user to select from up to 3 different ratings within the same engine family (high power, low power, and cruise-power) where applicable are protected when this password is set: ☐ PGR018 – Engine Protection ☐ Cruise Power (Parameter 15 in Cruise Control Group)
6	TBD
7	Export Settings

Table 5-99   Protected Parameters

Back Door Password

In cases where the Password for a locked module is not available, a separate "back door" Password may be obtained from Detroit Diesel Technical Service. Detroit Diesel requires the VIN and Seed values read from the locked module with DDDL 7.0 or DRS. The new unlock code will be provided by Detroit Diesel Technical Service for entry into the tool. When the correct Back Door Password is entered, all parameters with write access by the Service tool may be changed.

Changing the Password

The Password itself may be changed. The CPC is automatically locked at the next ignition cycle. Changing the Password to a value of "0" will disable Password protection. When the Password is changed, the ignition must be off for at least 15 seconds.