

# PC210LC-10 thru PC490LC-10 Hydraulic Excavator (Tier 4 interim engine)

## Extended Idle Procedure

(ambient temp below 0°C)

In the event that there is a long idle time (in excess of 5 min.) at ambient temperatures below 0°C, turn Auto Decel off, place the throttle control dial at **"1/3 throttle"** and set the work equipment safety lever into the **"lock position"**.

FAILURE to follow this procedure will result in warning code A1UON3 activation which leads to failure of the Diesel Particulate Filter. If the Auto Decel is not turned off, the engine speed will not increase when turning the fuel dial to the Extended Idle Position.

Auto Decel  
On/Off



Extended Idle  
Position



Engine Shut Down  
Position



## Engine Shut Down

At all times the engine needs to be run at **"Min" low idle** for a minimum of 5 minutes before shutting the engine off.

FAILURE to follow this procedure will result in premature turbocharger failure and warning code AS10NT activation which leads to failure of the DEF Injection Module.

## Use of Winter Front

At ambient temperatures below 0°C the winter front may be necessary to maintain engine and/or hydraulic operating temperatures.

In the event the engine/hydraulic temperature is beginning to exceed the safe operating range of the gauge (green area). The winter front needs to be removed or have the intake doors opened to allow cool air intake.

Winter Front Open & Closed

