

COACH MODEL : 2020 CX45, CX35 (Multi-Vu Professional / MVP)

DATE : 3/16/2020

SUBJECT : Auto-Elevate



During extended periods of idling (slow or fast), unburned fuel from the combustion process slowly collects in the Aftertreatment System.(ATS)

The Auto-Elevate feature automatically increases engine rpm to manage hydrocarbon buildup and keep it from reaching critical levels. This process results in a temporary increase of exhaust gas temperatures to effectively control burn-off of the hydrocarbon within the ATS.

When Auto-Elevate is engaged on the 2020 CX with the MVP dash, engine RPM's will increase and the message "Particulate filter regeneration necessary" along with the regen symbol and **wrench** will display on the MVP.(Fig 1) While similar in appearance to the regen required message. (Fig 2) The notable difference between the two messages is the **wrench** symbol.

The Auto-Elevate message **Does Not** require a regen and no action is required by the driver. The driver can either wait until engine RPM's return to normal or interrupt the process if they need to drive or move the coach. Auto-Elevate will resume if needed when stopped again.

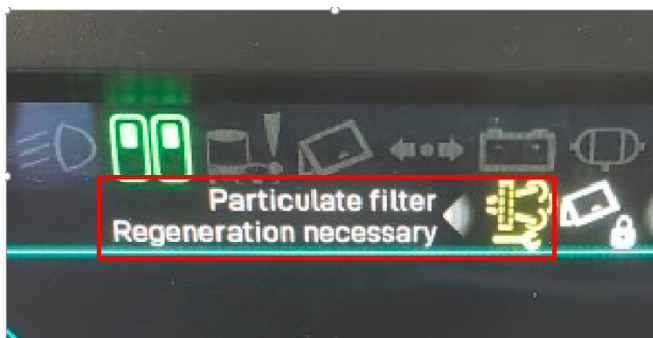


Figure 1 Auto-Elevate

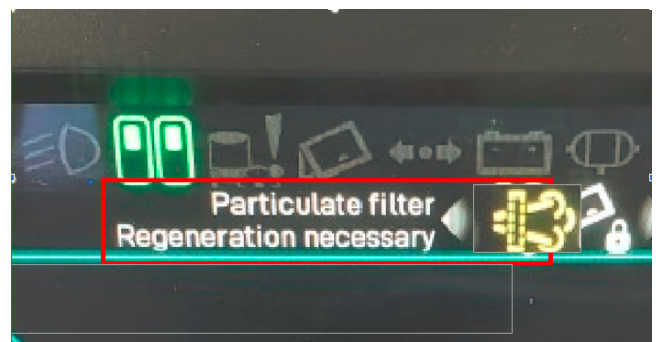


Figure 2 Regeneration required

Note: Auto-Elevate will rapidly increase engine speed to 1100, 1250 or 1275 rpm, and maintain that speed for up to 30 minutes.