

TECH TIP

CK P/U, Suburban, and Yukon/Tahoe Actuator Calibration

Starting in 2001, whenever the battery is disconnected or when replacing any of the HVAC actuator motors (mode door or temperature blend) the HVAC system will have to go through a relearn or calibration process.

Failure to allow sufficient time to calibrate can lead to the system being stuck in one position, such as defrost mode. On 2001-2002 models, a scan tool cannot be installed during the recalibration procedure. However, on 2003 and newer models, a scan tool can be used to initialize the calibration process.

For the early models and non-scan tool calibrations on later models, after the battery and/or all components have been reconnected:

- Turn ignition key off
- Remove the battery supply fuse to the HVAC control panel (this fuse is hot at all times, refer to appropriate wiring diagram to determine correct fuse)
- Allow 60 seconds to clear calibrations
- Re-install fuse
- Turn Ignition key on
- Allow 60 seconds for re-calibration (installing a scan tool during this time will prevent calibrations from storing)