

<b>COACH MODEL :</b>	C 2045, T2140, T2145, CX, TX 40, TX 45 with DD13 Engines
<b>DATE :</b>	May 1 2015
<b>SUBJECT :</b>	Connecting DDDL to the 9 pin connector with the engine running

Important Considerations when connecting the Detroit Diesel Diagnostic Link (DDDL) to the nine pin diagnostic connector.

- All electronic equipment used on a VanHool motor coach is electrically sensitive and its important to remember that any type of voltage surge can damage any module on the coach.
- Components used in electronic assemblies (any module) are sensitive to static electricity and can be damaged by its discharge.
- We have had reports from techs in the field / dealerships who plugged DDDL in to the 9 pin connector with the engine running only to find the engine shut down and would not restart.

### Recommendations when connecting the Detroit Diesel Diagnostic Link

It is recommended to power down the coach prior to plugging DDDL into the 9 pin diagnostic connector. Though very rare, transmission control modules and ZR modules have been electrically compromised when plugging in the DDDL with the engine running.

Its also been reported that not using the latest DDDL program can also effect components in the system. As an example, using older software can erase all the parameters when making changes such as a maximum speed change.