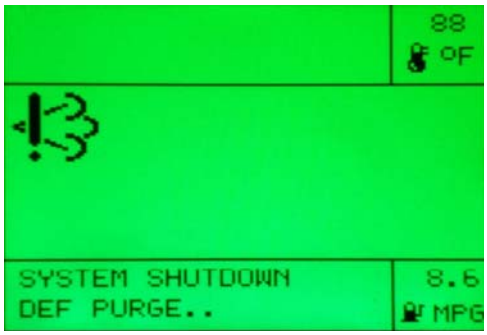
ABC COMPANIES
Exclusive U.S. VANHOOL Distributor

TECH TIPS
#1312

COACH MODEL :	All C 2045, T 2145 and T2100 with DD13 Engine
DATE :	September 15, 2013
SUBJECT :	DEF Purge Cycle Information



When powering the coach down the DEF Purge symbol should be visible on the dash display as shown on the right.
This is a critical function in the DEF system. During this time the DEF lines are blown out with compressed air to prevent DEF crystallization and clogging. The purge cycle can take up 10 min.

If the DEF Purge cycle is inoperative the DEF fluid will eventually crystalize and plug up the lines. Should this happen the coach can de-rate and possibly shut down.

The DEF purge cycle is initiated by the After Treatment Control Module (ACM). A signal is sent to energize relay RL506 which sends a ground signal to Node 3, D5. When the KIBES system see's the ground signal it keeps the coach powered up so the purge cycle can be completed. If the purge cycle is not working check the relay for proper operation. Refer to the proper wiring schematic .

Wiring schematic shown below is for a 2012 C 2045. T 2100, T 2145 and newer coaches similar.
Note: RL 506 is a 12 Volt relay, do not use a 24 Volt relay.

