COACH MODEL :	C 2045, T 2140, T2145 with Kibes 2 Multiplex
DATE :	12/05/2012
SUBJECT :	Battery symbol with arrow pointing down on dash display



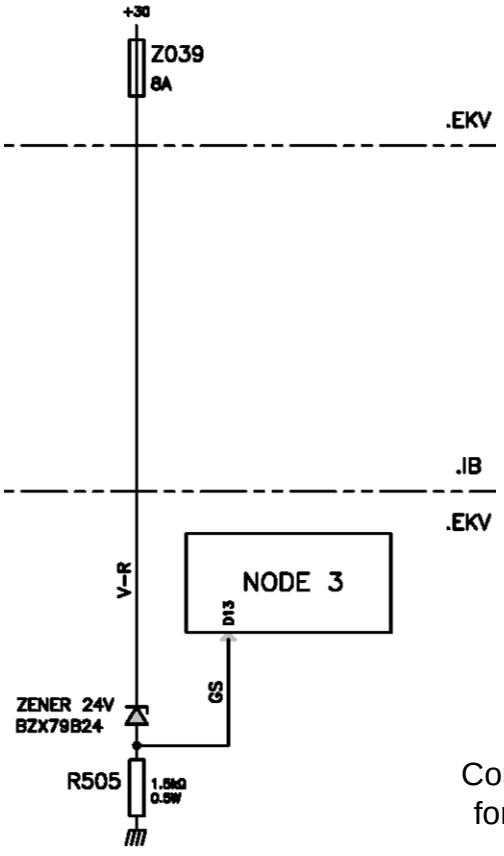
If the battery symbol with the arrow pointing down appears on the dash, it is indicating the on-board voltage is low. A basic battery and charging system test should be performed.

- If the charging system is producing more than 27.5 volts at idle, verify the coach you are working on falls into the following vin range group and proceed with this tech tip.

46001 – 46178	40148 – 40171	44633 – 44690
46531 – 46920	40611 – 40629	44801 – 44857
47001 – 47604	44313 – 44384	

A Zener diode is different than a regular diode and is used in the circuit to determine if the on-board voltage is low. Diodes behave like one way valves, they allow current to flow in one direction. Zener diodes are optimized to operate when placed backwards in a circuit. When operating properly the Zener diode will allow voltage from Z039 through to Node 3, D13.

With the engine running, 5 volts or more should be present at Node 3, D13. If not, the symbol will appear on the dash. Check Z039, R505 and the Zener diode if the voltage is below 5 volts.



All items shows are located in the front electrical box (EKV)



Contact technical support at 1-877-427-7278 for any questions regarding this procedure.