

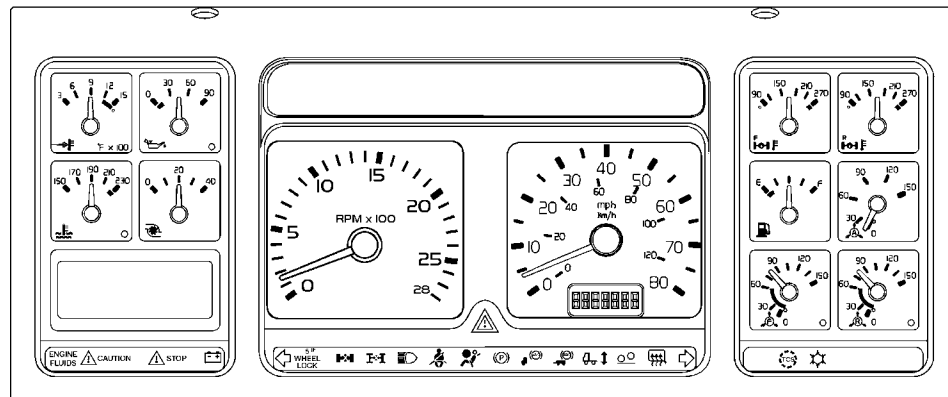
This Service Bulletin provides supplemental information for troubleshooting VN model instrument clusters.

Date 4.98 Group **381** No. **09** Page 1(1)

Instrument Cluster Graphic Display Troubleshooting: Contrast Problems

VN

Graphic Display Fades Out or is Too Dark



Since the graphic display in the instrument cluster is a liquid crystal display (LCD), extreme temperatures can affect the display. It may appear to “fade out” or darken under very cold or very hot conditions.

The graphic display contains a temperature sensing device which is designed to automatically compensate for changes in temperature.

When the vehicle is started, the driver may select climate control settings to make the temperature in the cab more comfortable. It will take a few minutes for the cab and dash temperature to stabilize. Due to the temperature sensor’s location between different layers of dash circuitry, it may appear that the temperature compensation feature is not working properly. Once the dash temperature stabilizes, however, the graphic display should adjust to the default contrast setting and appear normal.

The driver may simply wait for the temperature compensation feature to work. If the automatic compensation is not enough, the driver should adjust the contrast. If the contrast is adjusted, it is likely that it will need to be adjusted again after the cab temperature stabilizes.

To adjust the graphic display contrast level, do the following:

- 1 Use the Mode button to display SET UP MENU.
- 2 Use the Down button to scroll to CONTRAST ADJUST.
- 3 Press the Set button.
- 4 Use the Up and Down buttons to increase or decrease the contrast to the desired level. The graphic display will return to its previous setting at the next ignition cycle. (If you press the Set button here, the setting will be saved as the new default setting.)
- 5 Press the Mode button to return to the SET-UP MENU display.