



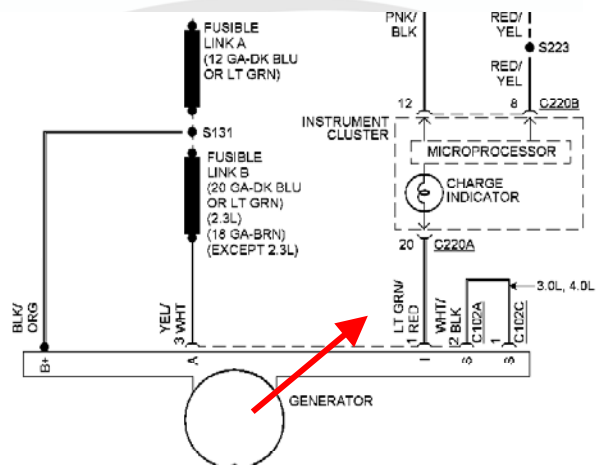
TECH TIPS

Dixie Part Numbers: A-2054

Applications: 2001 – 2006 Ford Ranger 2.3L

Condition: The operator of the vehicle may complain that the charge indicator light is coming on. The technician may observe that changing the alternator does not rectify the problem and that the voltage intermittently goes to an overcharge condition.

Cause: A possible cause for this condition is an intermittent short circuit to ground in the vehicles wiring. The green wire with the red trace is used to provide information to the vehicles' on-board computer and if grounded triggers the light and causes voltage fluctuations.



Correction: Inspect the vehicle wiring for damaged insulation and repair any damaged sections and protect them from chaffing as appropriate. **TIP** running a clean hand over the wire may assist in finding damaged portions of the wire. When damaged, the copper wire deteriorates, leaving a film of green oxide, which will transfer when rubbed.

