

NOTICE

This sensor/wire assembly is used to replace the temperature sensor black wire (B- terminal) when necessary on various CEN temperature-voltage sense wiring harnesses (with or without other external connections such as J1939 connections). For more information, see CEN Service Bulletin SB27.

1. Make sure master battery switch has been turned off on vehicle.
 2. Disconnect temperature-voltage sense harness at both B+ and B- terminals at battery.
 3. From black wire on existing harness, cut off first six inches on B- terminal end, which includes the sensor.
 4. Strip 1/4" from the shortened black wire on the harness. Crimp one end of insulated butt splice on shortened wire.
 5. Crimp end of new sensor/wire assembly on other end of butt splice.
 6. Use heat gun to seal spliced ends.
 7. Re-attach new black wire in harness to battery negative post and existing red wire to 14V battery positive post for 14 V systems or 28 V battery positive post for 28 V systems.
2. Reconnect master battery switch and test charging system for proper function.

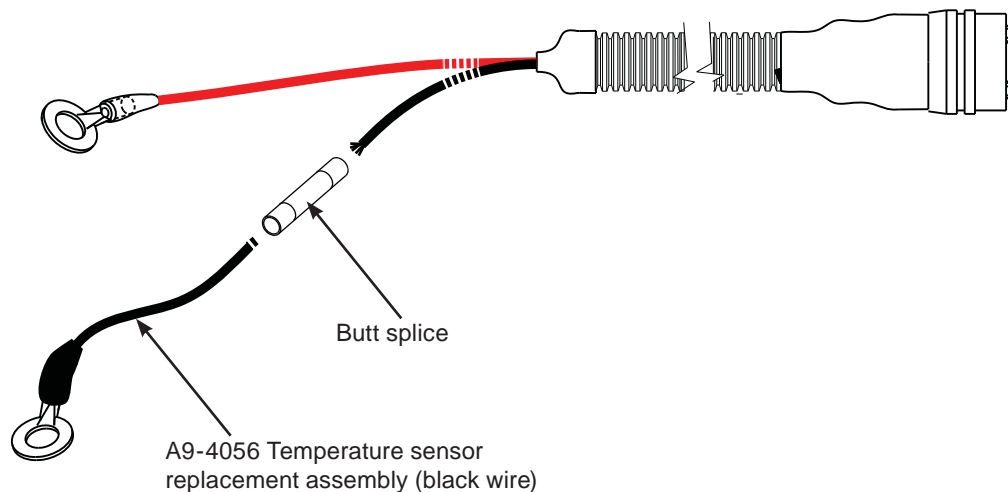


Figure 1 - Temperature Sensor Replacement Details

If you have questions about your alternator or any of these instructions, or if you need to locate a Factory Authorized Service Dealer, please contact us at:

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