



# BULLETIN

BULLETIN NO. SIE-16-003

**TO: ALL SIERRA INSTALLING DEALERS**  
**FROM: SIERRA INTERNATIONAL**  
**DATE: NOVEMBER 6, 2015**  
**RE: 18-5817 SOLENOID – PROPER INSTALLATION TORQUE**

After researching recent failures on this product, it has been determined that issues experienced can be traced to an over-torque of the main contacts. Upon over-torque, the contacts will rotate within the housing, preventing the circuit from closing when the solenoid is activated. To help prevent this situation, the installing technician should follow the proper installation procedure indicated below. Moving forward, the product will include an installation warning sheet to alert technicians to the recommended torque specification; as well as a reminder to secure the backing nut with a wrench prior to tightening the outer nut.

When installing the solenoid, Sierra recommends that the stop nut (indicated by the red arrow in the accompanying photo below) be secured by a 7/16" wrench. While holding the stop nut securely with the 7/16" wrench, properly torque the outer nut to 20 in./lbs to complete the installation. Torque in excess of 20 in./lbs on the outer nut can cause internal damage to the solenoid that has the potential to render the part inoperable.



## WARNING

Do not exceed 20 in./lbs. of torque when tightening the assembly or damage to the solenoid may occur. Sierra recommends holding or backing the stop nut with another wrench to issue proper tightening.

N-1243



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If you have any questions regarding this or any other Sierra product, please contact your Sierra Sales Professional today or contact us at 217-324-9400. Please visit our website at [www.seastarsolutions.com](http://www.seastarsolutions.com). Thank you for your continued support of SeaStar branded products.

Sincerely,

Larry Louvier

Product Manager – Engine and Drive Parts