

## Ford/Roush Starter Connections

### Tech Tip #18-0309-RP



### Starter Connections Require Maintenance

We have found several units where corrosion has basically eaten the ends off of the cables (FIGURE #1). In some instances, this was caught during normal PM maintenance, but on more than one occasion a unit was down because of this. The issue is that not only are the ends deteriorating, but the cable itself is compromised and needs replacing as well (FIGURE #2 & 4).

Blue Bird coats these connections with “Glyptal 1201” which is a specially formulated red enamel sealer used to protect electrical connections.

During PM inspections, these connections should be checked and recoated with a similar product. It is also recommended during the annual inspection to actually remove the cable to more closely inspect it and clean and recoat after reassembly.

Figure #5 shows the cable locations on the starter.

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FIGURE #1



FIGURE #2



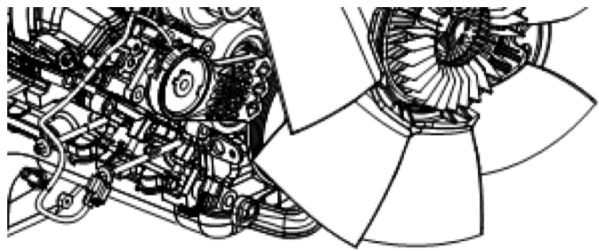
FIGURE #3



FIGURE #4

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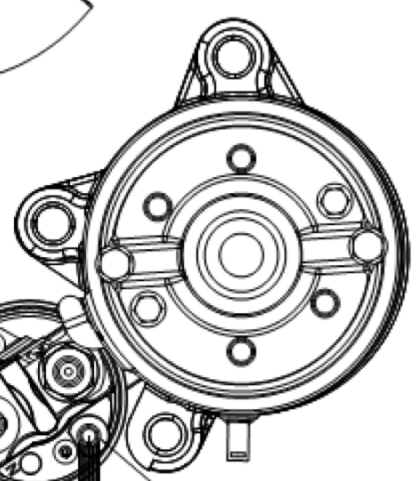
— SEE DETAIL A

Isometric view

POSITIVE STARTER  
M8 X 1.25-6g  
ANTI-CROSS THREAD  
MAX TORQUE 14 Nm

3  
STARTER CABLE

INSTALL STARTER CABLE ONTO  
POSITIVE STARTER STUD AND  
TORQUE AS SHOWN



SOLENOID STARTER  
M6 X 1.6g  
ANTI-CROSS THREAD  
MAX TORQUE 7 Nm

2  
COWL HARNESS  
STARTER SOLENOID WIRE

INSTALL SOLENOID WIRE FROM  
COWL HARNESS ONTO STARTER  
SOLENOID STUD AND TORQUE  
AS SHOWN

DETAIL A

FIGURE #5

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## CONTACT OUR SERVICE OR PARTS DEPARTMENT WITH ANY QUESTIONS

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