

Tech Tip



From your friends at New York Bus Sales

Complaint - The check engine light goes on then off – “Loss of Comm” appears on dash. Hooking up the Tech II reads code #1673

Cause - What we have found is a ground cable which we believe is causing the issue. It is currently located on a bolt at the rear case of the alternator (Figure #1) and over time working around the engine it has been found slightly loose.

Correction - Disconnect batteries (negative cable first). Locate the ground cable at the rear of the alternator as shown in Figure #1 and remove the bolt holding the cable. Remove the bolt and discard. Remove the alternator pad mounting bolt at the right rear which also holds the bracket for the alternator wiring harness. Reinstall the bolt so that the ground cable is located between the bracket and alternator as shown in Figure #2. Torque the bolt to 60 ft/lbs.

PLEASE NOTE - The check engine light will not come on and the “Loss of Comm” will also become blank but codes will be stored as with all electronic engines in case future reference is desired. You can clear these codes if you wish by using a Tech II.

PLEASE ALSO NOTE – There are 2 codes which are always stored in the history and cannot be cleared – #P0650 and #P0622 are “Hard Set” codes from the factory

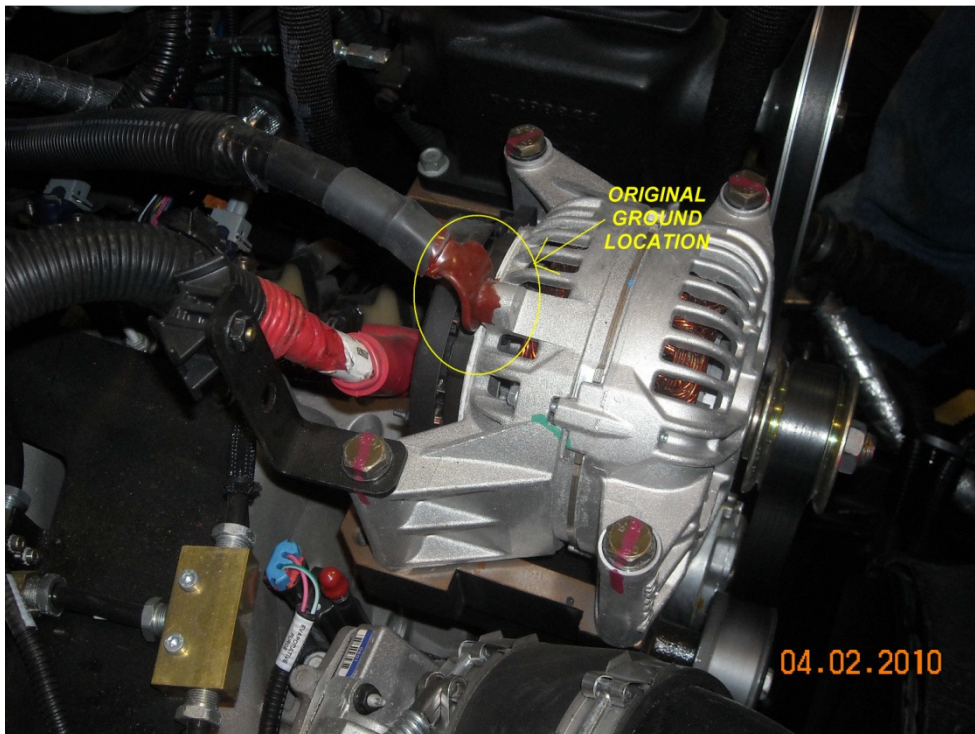


Figure #1



Figure #2

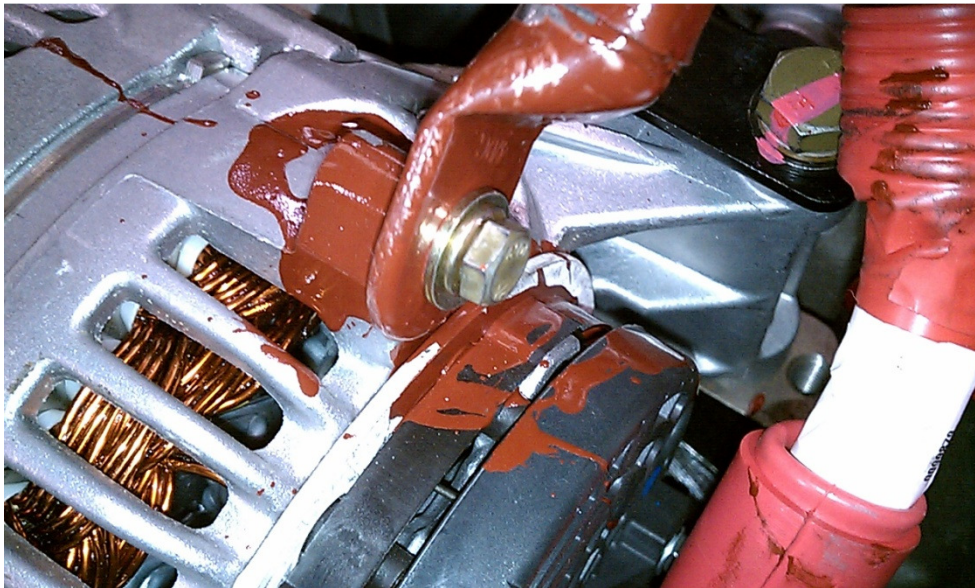


FIGURE #3

PLEASE NOTE – BLUE BIRD HAS INFORMED US THAT BOSCH DOES NOT APPROVE THE INITIAL METHOD FOR MOUNTING THE GROUND CABLE ON THE ALTERNATOR MOUNTING BOLT – THEY HAVE REVIEWED THE ISSUE AND ARE REQUESTING THE CABLE BE MOUNTED TO THE SAME LOCATION ON THE ALTERNATOR USING A M6X1” BOLT, ¼” SPLIT WASHER and 17/64” X 5/8” FLAT WASHER AS SHOWN IN FIGURE #3

PARTS REQUIRED

- | | |
|---|---------|
| 1 - #00971747 M6-1 x 16 Bolt | .45 Ea. |
| 1 - #02001170 Lock washer, Split ¼ | .12 Ea. |
| 1 - #01247709 Washer, flat, 17/64 x 5/8 | .24 Ea. |

Contact Our Service Department with Any Questions

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