

## GPOP - Issue Review System

**Part Number:** 68140647A\$, 68230877A\$, 68321746A\$

**Part Description:** CAN Star Block Connector

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**Issue Description:** Customer finds MIL light on and technician finds DTC for loss of communication on one or more modules. In repair procedure the dealerships are replacing the CAN star block connector during their root cause process with returned parts showing no trouble found. Here is a list of steps the dealers can follow to determine if they have a defective CAN star block connector using a multimeter:

Step 1:  
Visually review CAN star block for damage and ensure back cover has all locking tabs engaged. If a bent pin, cracked or damaged housing or locking tab is not engaged is observed then replacement is required. Step 2:  
Identify Connector #1 as the 3 Pin Connector cavity Step 3:  
Measure resistance between Pin#1 and Pin#2 in Connector #1. Acceptable values are 120.4 Ohms to 139.8 Ohms. If resistance is outside of this range then replacement is required.

Step 4:  
Measure the continuity between Pin#1 in Connector #1 to Pin#1 in each of the other 2 Pin connector cavities. If continuity is not found then a replacement is required. Step 5:  
Measure the continuity between Pin#2 in Connector #1 to Pin#2 in each of the other 2 Pin connector cavities. If continuity is not found then a replacement is required.