

Case **00178971**

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Case Detail

Case Number 00178971

Previous Case ID 11044705

Case Owner Diane McBurnett

Account Name Certo Brothers - West Seneca, NY

Contact Name Bob hammer

Status Closed

Category Electrical

Priority 4

Priority Description Intermittent Problems

Information

Subject Keeps getting a motor fault on his "mole car".

Description Keeps getting a motor fault on his "mole car".

Resolution Toggled bits on Micrologix processor and reset fault on CC14
Broken wires in the IGUS track.

System Information

Date/Time Opened 10/23/2006 9:56 PM

Date/Time Closed 11/5/2006 5:26 PM

Created By Diane McBurnett, 10/23/2006 9:56 PM

Last Modified By Derek Camp, 1/22/2015 8:23 AM

Comments

Comments

Public Comment	Name	Date Time
<p>Not familiar with "mole cars". Looked through doco. Site was getting a motor fault on CC14 but the message was travel fault on panel. All photos and sensors were checked. Figured out they had on board microprocessors on what I figured were the TCARS. After a little confusion (they appeared to be labeled wrong at site) I finally got online with the processor. After looking at the logic I toggled a couple bits and had them hit the fault reset on CC14 and the car took off.</p>	Diane McBurnett	9/22/2014 9:01 AM
<p>Site called back with the same issue again and while on the phone it started and stopped. Having them check all the wiring. Found drawings for the TCAR and faxed to them (716-827-0179). Went through the processor leds and I/O. They are working on eliminating the motor. I didn't want to toggle anything till they were done checking things out. They will call back when ready.</p> <p>Site called back and stated they changed the motor and it is running right now. I gave them the case number and told them if it quits again to call back.</p>	Diane McBurnett	9/22/2014 9:01 AM
<p>12:30 PM - Took a call from Ken at the site. Wanted to speak to John [Brown]. I walked over to John's desk and got his attention. I connected the two together and John explained how the issue was being looked at by the controls engineer. He talked about a fault code. I dropped off the call. - 12:45 PM</p>	Jeffrey Peterson	9/22/2014 9:01 AM
<p>Called in and said they are having the same issue. Told them they need to see the error that is coming up on the freq. drive. They say they are getting an HW OverCurrent. Told them it was either a mechanical binding issue, or an issue with their brake system. The site said all of this was replaced yesterday. They are going to continue to run this way, and call and speak with R. Kryger in the a.m.</p>	Bobbie Wilkerson	9/22/2014 9:01 AM
<p>Ken called in, still having issues, said he would like to talk to Ron Kryger. I tried to conference in Ron, Ron says he really does not want to talk to Ken. He says we need to identify the fault from the powerflex 700 drive itself. I spoke to Ken & informed him of what we need to know, he got his guy on the call, I explained it to him, he says they are getting a F12 HW OVERCURRENT fault on the drive. I looked up the powerflex manual, looked up the fault, it says the drive detected an overcurrent condition, could be a parameter setting, wiring issue, or mechanical issue. I explained these things to Ken and Charlie. I asked them if it stops in the same spot each time or not, they say it does, about 3 feet from the end, going in or out. I suggested that this may be a wiring issue where they have a broken wire in the IGUS track that opens when the car is in that position. They will check it out.</p>	David Pickel	9/22/2014 9:01 AM
<p>Ken called back, says they think they have fixed the issue, they found broken wires in the IGUS track, they replaced the wire and it looks to be working now, the real test will be when they run production. Ken wants to know what the part # is for the wire. I looked up the drawings for the system, it shows a LCD0090116 part number, this is an assembly that has the IGUS track and the cables in it. Parts may be able to identify the individual cable if they can give us the number off it.</p> <p>Ken called back later, says the cable has CF35.60 04 4X6 E48408 AWM style 21184 on it.</p>	David Pickel	9/22/2014 9:01 AM

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