

TECHNICAL BULLETIN: 14-01

DATE: January 7, 2014

SUBJECT: Proper Grounding Checks for Card Readers with a Metal Bezel

AVAILABILITY: All Authorized Triton Distributors and Third Party Service Providers

This bulletin addresses:

<input type="checkbox"/>	Hardware Service Issues
<input type="checkbox"/>	New Kit/Parts Available
<input type="checkbox"/>	Software Announcements
<input checked="" type="checkbox"/>	Technical Tips

Recommended Implementation is:

<input type="checkbox"/>	Now for all affected units
<input type="checkbox"/>	All affected units during next service visit
<input checked="" type="checkbox"/>	Optional
<input type="checkbox"/>	No implementation required

DESCRIPTION:

Below is Triton Engineering's recommendations for ensuring the metal bezel is properly grounded for a Magtek I65 and Sankyo Card Reader. Without proper grounding, the card reader could fail in the field.

With the presence of cold and dry winter weather, it is imperative to ensure your ATM is properly grounded to prevent static electricity damage to your unit as a whole and/or individual components.

1. Use a receptacle tester with a ground to test the outlet that the ATM is plugged into. The lights on the tester should indicate "CORRECT" as shown on the tester.



2. Ensure the main power cable of the ATM is plugged into a properly grounded outlet that has passed testing.



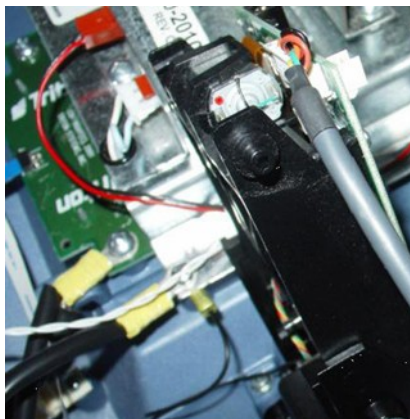
DESCRIPTION cont...

3. Check that the ground cable lug is secure to the power supply connection. Tighten if loose.



4. Check that the ground cable lug is secure with the proper screw. Tighten if necessary. Refer to your model ATM kit documentation for the proper ground attachment points and cable routing.

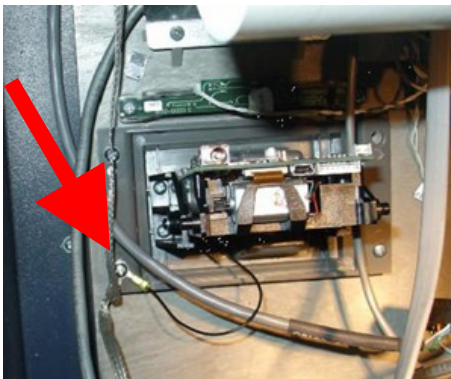
Magtek I-65 Card Reader



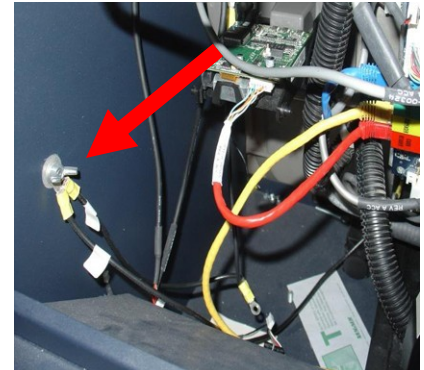
9700



8100/9100

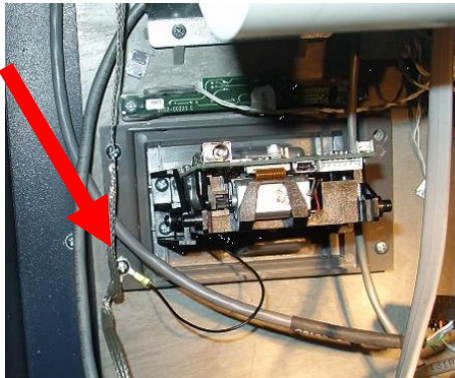


RT21XX - Xscale

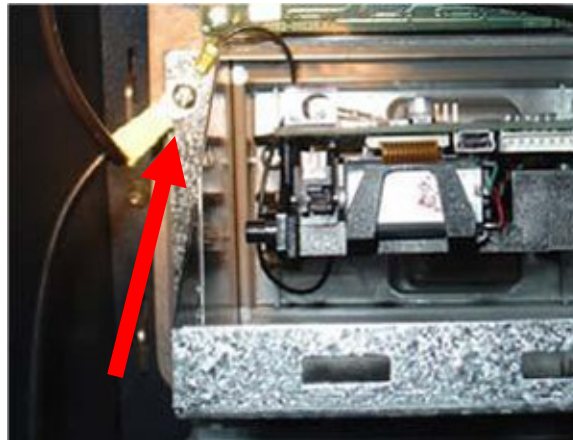


DESCRIPTION cont...

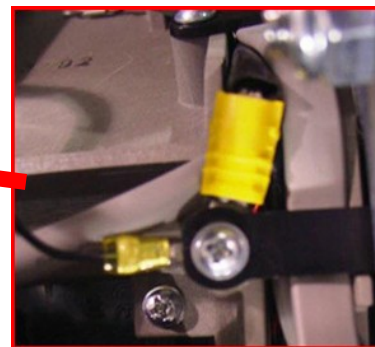
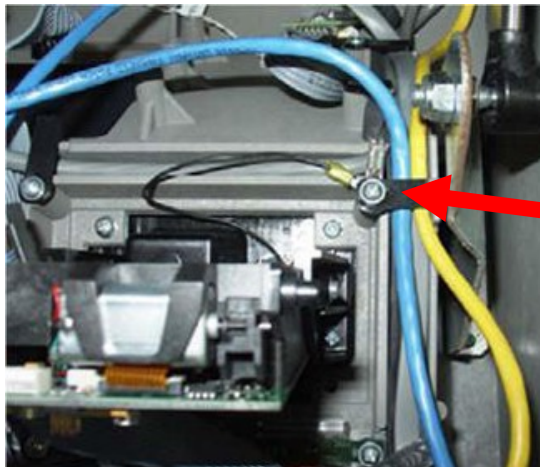
4. Check that the ground cable lug is secure with the proper screw. Tighten if necessary. Refer to your model ATM kit documentation for the proper ground attachment points and cable routing.
Magtek I-65 Card Reader(cont.)



FT51XX—Xscale



FT53XX/RT23XX - X2

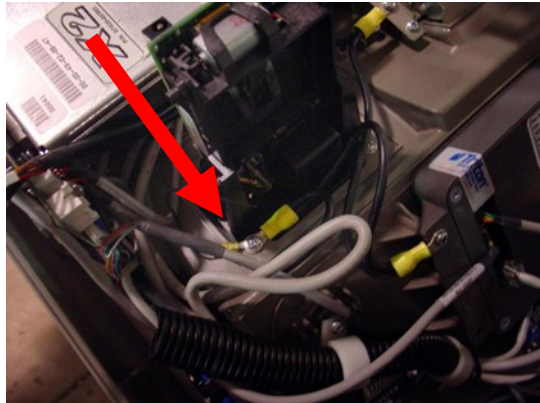


RL51XX & RL53XX - Xscale /X2

DESCRIPTION cont...

4. Check that the ground cable lug is secure with the proper screw. Tighten if necessary. Refer to your model ATM kit documentation for the proper ground attachment points and cable routing.

Magtek I-65 Card Reader(cont.)

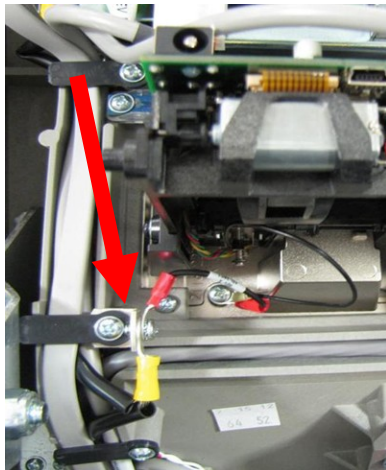


RL23XX

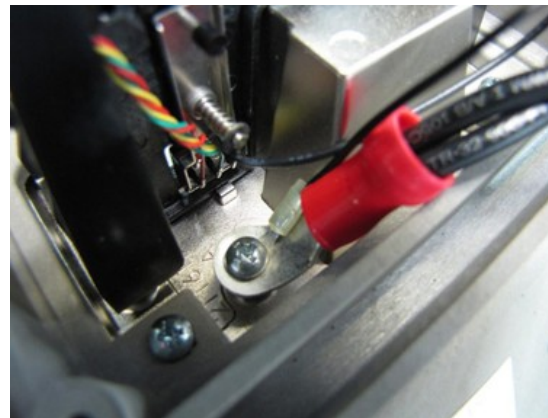


Metal Bezel

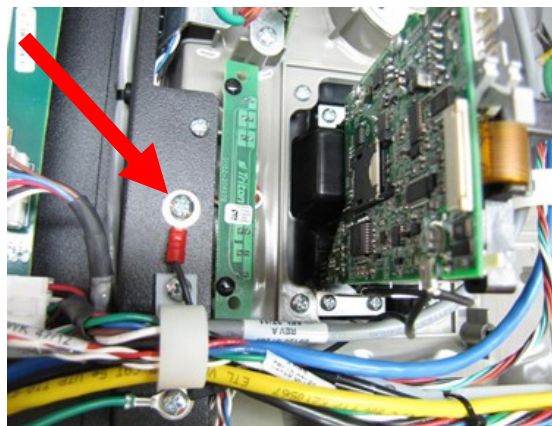
Nidec Sankyo 330 Card Reader



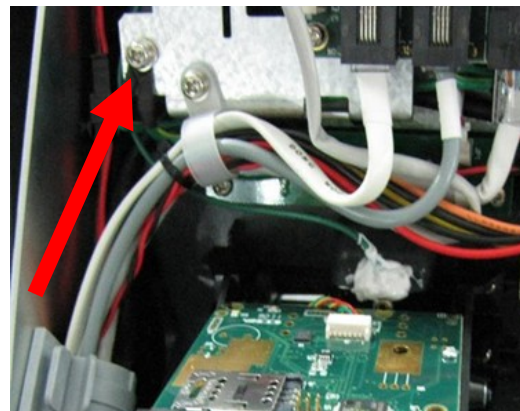
RL5XXX—Xscale/X2



RL1600 & RL23XX



ARGO



TRAVERSE

DESCRIPTION cont...

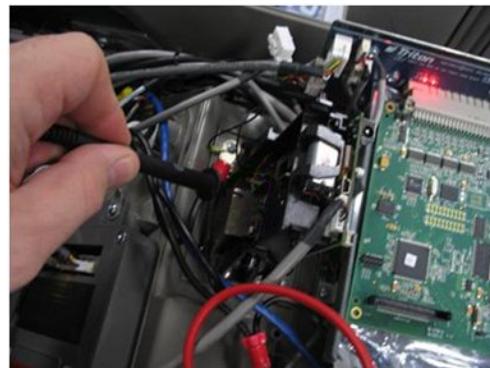
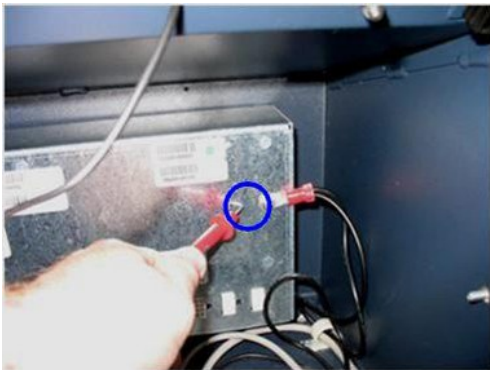
4. Check that the ground cable lug is secure with the proper screw. Tighten if necessary. Refer to your model ATM kit documentation for the proper ground attachment points and cable routing.

Nidec Sankyo 330 Card Reader(cont.)



RT2XXX & FT5XXX Xscale/X2

5. With the ATM power off, check the resistance between the power supply bracket and the metal bezel with an ohmmeter. It should measure less than one ohm more than the reading with the two probes touching each other. Make sure the ATM is powered off before you measure resistance.



If you have questions regarding this Technical Bulletin, please contact Technical Support at 1-228-575-3100 or toll free in the U.S. / Canada 1-800-259-6672.

Visit www.Triton.com for additional information.

For all ATM Parts, Repair, and Training needs, visit www.atmgurus.com.