



## Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

**Agency/Department Information**

<b>Inspection Date</b>	YYYY/MM/DD 2021/10/17	<b>Report Number</b>	20211017-WMATA-KEK-36
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority	<b>Rail Agency Department</b>	Name
<b>Rail Agency Department</b>	ATCM	<b>Contact Information</b>	
<b>Inspection Location</b>	C14-Eisenhower Avenue, C15-Huntington, C10-National Airport, A10-Medical Center, A06-Van Ness, D98-Glenmont Yard, B99-Brentwood Yard		

**Inspection Summary**

<b>Inspection Activity #</b>	1
<b>Activity Code</b>	STC
<b>Inspection Units</b>	1
<b>Inspection Subunits</b>	0
<b>Defects (Number)</b>	1
<b>Recommended Finding</b>	No
<b>Remedial Action Required<sup>1</sup></b>	No
<b>Recommended Reinspection</b>	Yes

**Activity Summaries**

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>	Re-inspection - GM4000A Hardware Fix			<b>Activity Code</b>	STC					
<b>Job Briefing Employee Name/Title</b>	Various RWIC		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	07:00 AM	<b>Outside Shift</b>	No		
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A							
<b>Related Rules, SOPs, Standards, or Other</b>	<b>Ref</b>	<b>Rule or SOP</b>			<b>Standard</b>	<b>Other / Title</b>			<b>Checklist Reference</b>			
	Alstom GM4000 Manual, FTAs TSS Certification	SOP #19			WMATA ASP Section #3, WMATA SSCPP, PTASP - 49 CFR 673 (Monitoring Compliance and Sufficiency of Operations and Maintenance Procedures)	O & M Manuals, GM4000A Wiring Diagrams			ATC-1000, ATC-2000			
<b>Inspection Location</b>	<b>Main Track</b>	<b>Yard</b>	<b>Station</b>	<b>OCC</b>	<b>RTA Facility</b>	<b>WMSC Office</b>	<b>Track Type</b>	<b>At-grade</b>	<b>Tunnel</b>	<b>Elevated</b>	<b>N/A</b>	
	X	X						X	X	X		
<b>Line(s) &amp; Track Number</b>	C14-Eisenhower Avenue, C15-Huntington, C10-National Airport, A10-Medical Center, A06-Van Ness, D98-Glenmont Yard, B99-Brentwood Yard				<b>Chain Marker and/or Station(s)</b>	<b>From</b>			<b>To</b>			
						WMATA System			WMATA System			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	Fluke 27, Fluke 87 DMM, Simpson 260 VOM, AAR wrench, E-post wrench, Alstom (Gen 2 or 3) track module field test set, Switch cranks, 1/4 Switch Obstruction gauge, Switch wrenches, 0.06 ohm Soft-Shunt, 0.0 ohm Hard-Shunt, Lubricants						
	N/A		N/A									
<b>Description</b>	GM4000A Switch Component Mitigation Follow-up Inspection (association with frequent switch failures of newly installed GM4000A Switch Machines)						<b>Number of Defects</b>			0		
							<b>Recommended Finding?</b>			No		
							<b>Remedial Action Required?</b>			No		
							<b>Recommended Reinspection?</b>			Yes		
<b>Remedial Action</b>												



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Photos:  
Point\_Detector\_Switch\_Module.png

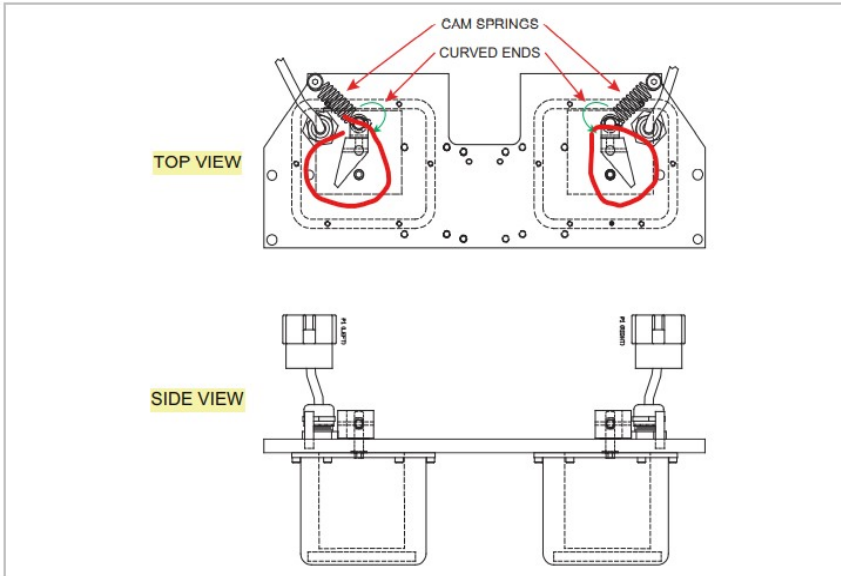


Figure 2-20. Point Detector Switch Module

<sup>1</sup> The rail transit agency must provide WMSC with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing WMSC verification inspections to ensure corrections are sufficient and effective.

<b>Inspector in Charge's Signature</b>		<b>Date</b> 2021/10/17
<b>Inspector in Charge's Name</b> Kemmerly Kendrick	<b>Inspection Team</b> N/A	