

EQUAL ACCESS INSPECTION

RED LINE FLEET

DATE: 7-23-21

CAR NUMBER: 1756

Platform Height and Gap Inspection

Place threshold gauge onto and inside the running rail, keeping gauge level to floor. Use gauge to inspect door threshold height and gap by using the colors on the measurement-sliding device. Green area inspects the gap, red area inspects the height.

DOOR	PLATFORM GAP MEASUREMENT		PLATFORM HEIGHT MEASUREMENT	
	GO	NO GO	GO	NO GO
A	✓		✓	
B	✓		✓	
C	✓		✓	
D	✓		✓	
E	✓		✓	
F	✓		✓	
G				
H				

PA Sound Level Inspection

Place the sound level meter in the center of the car, five feet above floor for test. Activate door close chime, recording the maximum (dBA) level on the meter.

Maximum level recorded (dBA) 71

Enter Y-EAI code and 30 minutes labor on each car, file with Mileage Inspection sheet.

Task No.	Description	Task	Initials	Task No.	Description	Task	Initials	
Air & Electric / Couplers (continued)				Car Body Inspection Sections 8,9,10				
5.d.	Gov. Pressure Switch; Gov. Off/On PSI <u>150</u> / <u>130</u>	V,F,A,X	PII	Interior				
5.e.	Compressor Off Time: <u>43.5</u> min <u>10</u> sec	V,F,X		8	Interior Car body	V	PII	
5.f.	Intercooler Pressure: <u>41</u> PSI	V,F,X,P		8.a.	Glass and Window Gaskets	V,F,R		
5.g.	Drain Valve / Tanks (purge)	V,F,P		8.b.	Lighting; Passenger, Cab, Emergency	V,F,R		
5.h.	Heaters (compressor and drain valve)	V,F		8.c.	Horns, Buzzers and Bells	V,F		
5.i.	Wiring, Piping, Hoses	V,F		8.d.	Windshield Wiper and Blade	V,F,R		
5.j.	Dryers / Filters	V,F		8.e.	Cab Heat and Defroster	V,F,C		
5.k.	Cineston and Deadman Operation, Switch Springs, Cineston Contact Tips	V,F,C,R		8.f.	Radio, PA, Intercom and PEI	V,F		
5.l.	Console Gauges	V,F,A,R		8.g.	Operator's Seat, Visor and Curtains	V,F,R		
5.m.	Brake Pressures: Brake Valves SAP <u>72</u> PSI BP <u>110</u> PSI MIN <u>16</u> PSI MAX <u>34</u> PSI EMERG <u>42</u> PSI SNOW <u>8</u> PSI INSHOT <u>10</u> PSI	V,F,A,X		8.h.	Sash Windows	V,F,R		
5.n.	Air Spring /Leveling Valves, Pressures #1 <u>22</u> PSI #2cs <u>20</u> PSI #2ocs <u>21</u> PSI	V,F,A,X		8.i.	Console Switches and Labels	V,F,R		
Auxiliary Electrics				8.j.	Instruction Decals and Advertising Signs	V,F		
6	Converter: Gaskets, Covers, Hardware	V,F		8.k.	Safety Equipment: Ladder, 4 Shoe Hooks, Shoe Lifter, 2 Fire Extinguishers, Evac Chair/even car, Rope/Ty-Rap®	V,F,R		
6.a.	Electronic Card Rack / Controls	V,F		8.l.	Low Voltage Circuit Breaker Panel	V		
6.b.	External Resistors: Cabling	V		8.m.	Stanchions and Grab Handles	V,F		
6.c.	Output Voltage MG / Converter <u>37.8</u> volts.	V,F,A,X	8.n.	Passenger Seats	V,R			
6.d.	Battery Enclosure, Cover, Hardware	V,F,C	8.o.	Passenger Emergency Pulls and Tabs	V,F,R			
6.e.	Battery Vent Caps, Terminals, Cables, Trays	V,F,C	8.p.	Interior Panels and Flooring	V			
6.f.	Battery Cells, Excessive Corrosion	V,F,R,C	8.q.	Trip Cutout, Horn Cutout and Air Spring Cutouts	V,F			
6.g.	Battery Electrolyte Level (deionized water) Battery <u>32.3</u> volts.	V,F,R,X	8.r.	Handbrake Ratchet and Micro Switch	V,F,L			
6.h.	Snow Brake, Sleet Scraper (amber) Lights	V,F,R	8.s.	Destination Signs and Lighting	V,F,R			
Couplers				Exterior				
7	Electric Coupler Boxes and Buttons	V,F,R,C	9	Exterior Car body	V			
7.a.	Air Control Valves (EP Box)	V,F	9.a.	Destination Signs Roll; Interior / Exterior	V,F,R			
7.b.	Centering Device and Negating Valve	V,F,L	9.b.	Marker Lights	V,F,R			
7.c.	Drum Switch	V,F	9.c.	ATP Operation (amber) Lights	V,F,R			
7.d.	Draft Gears	V,F	9.d.	Snow brake / Sleet Scraper (amber) Lights	V,F,R			
7.e.	Coupler Head, Height Adjuster, Gauge	V,F,L	9.e.	End Gate, Springs and Straps	V,F			
7.f.	Manual Uncouple Lever	V,F,L	9.f.	Handbrake, Door Pilot, and Individual Door Leaf Lights	V,F,R			
7.g.	Drawbar Yoke, Anchor and Casting	V,F	Doors					
7.h.	Shear Pins and Safety Wire	V,R	10	Door Operation	V,F			
7.i.	Radial Carrier	V,F,L	10.a.	Door Control Relay Panel; Relays & Wiring	V,F,C,R			
7.j.	Cables, Clamps, Cannon Plugs (safety wire)	V,R	10.b.	Door Open & Close Toggle Switches	V,F,R			
7.k.	Air Pipes, Hoses, Clamps and Hardware	V,R	10.c.	Door Set-up Switch	V,F			
Air & Electric / Couplers Inspector Initial Section 5,6,7				10.d.	Door By-Pass Switch	V,F		
Signature: PII Emp. No: <u>73560</u>				10.e.	Door Engine Operators	V,F,A		
				10.f.	Obstruction Micro Switches	V,F,A		
				10.g.	Door Locking / Unlocking Assemblies	V,F,A,L		
				10.h.	Door Obstruction; Test Top, Middle and Bottom	V,F,A		
				10.i.	Door Leaf Alignment	V,F,A		
				10.j.	Door Actuators, Tracks, Rollers and Shims	V,F		
				10.k.	Door Nosing Rubbers, Alignment, Gap and Condition	V,F,A		
				10.l.	Door Emergency Release Handles	V,F,A		
				10.m.	#1 End Door (track, lock and latch)	V,F,L,C		
				10.o.	Cab Door (jamb, hinges and lock)	V,F,L,C		
				10.p.	Spin Slide System	V,F		

Task No.	Description	Task	Initials
Doors (Continued)			
10.q.	Door Safety Ground Test: Pin #19: <u>0.4</u> Ω Pin #20: <u>0.4</u> Ω	V,F,X	PII
10.r.	No Motion Sensors B-C AXLE 1: <u>455</u> Ω AXLE 2: <u>455</u> Ω AXLE 3: <u>460</u> Ω E-F AXLE 4: <u>460</u> Ω	V,F,X	
10.s.	ATO Readings ASR: <u>NA</u> Ω FRG: <u>NA</u> Ω Receiver Coil Reading: <u>NA</u> Ω	V,F,X	
Equal Access Inspection		T	
11	Complete Per Procedure Using EAI Form Filed With This Mileage Inspection Form		
Car Body Inspector Initial Sections 8,9,10,11			
Signature: PII Emp. No: <u>141171</u>			

Part	Stock Number	Quantity
Contact Shoe	025-96-001	
Contact Shoe Shunt	025-74-090	
Contact Shoe Stud	025-96-010	
Ice Scraping Contact Shoe	030-74-118	
Shoe Fuse #1&2 Car	025-74-509	
Brake Shoe #1&2 Car	010-96-029	
Sleet Scraper Blade	025-97-001	
Sleet Scraper Blade	025-97-002	
Ground Brush Holder #1&2 Car	033-74-010	
Ground Brush #1&2 Car	035-74-277	
Ground Brush Spring #1&2 Car	033-74-007	
Ground Brush Holder Insert #1&2 Car	033-74-008	
Ground Brush Cover #1&2 Car	035-07-167	
Traction Motor Filter	030-80-132	8
Traction Motor Brush	025-04-240	
Hitch Pin, (Handbrake Type)	420-71-020	
Picture Window	023-11-285	
Stationary Sash Window, #1 Car	023-11-314	
Sliding Sash Window, #1 Car	023-11-315	
Stationary Sash Window, #2 Car	026-74-055	
Sliding Sash Window, #2 Car	026-74-056	
Door Glass	023-11-295	
Fire Extinguisher, 10 lb.	024-10-078	
Fire Extinguisher, 20 lb.	024-10-075	
Frangible Pins, #1 Car	034-96-131	
Frangible Pins, #2 Car	026-74-001	
Fluorescent Tube T-12 48"	311-55-654	1
Lamp Ballast	025-74-113	
Fluorescent Tube T-12 36"	311-55-643	1
Fluorescent Tube T-12 18"	311-55-608	
Fluorescent Tube T-12 24"	311-55-615	
Pilot Light, Double Contact	025-45-837	
Pilot Light, Single Contact	025-45-022	
Bulb, Duplex Gauge	025-45-849	
Shatterproof Air Gauge Lens	032-28-046	
Drawbar Button # 1 Car	026-96-500	
Drawbar Button # 2 Car	025-23-023	
Hitch Pin (Leveling Valve Type)	032-55-001	
D4 Intake Filter	032-11-033	1
D4 Comp. Brushes	032-11-251	
Interlock Arm Contacts	035-01-191	
Cam Switch Tip, Moveable	035-80-001	10
Cam Switch Tip, Fixed	035-90-002	10
Contact Tip, Copper	035-80-005	
Contact Tip, Silver	035-65-319	
Cam Switch Shunts	035-01-154	
Line Switch Tip	035-01-105	2
E-Brake Lever Plastic Tab	026-96-115	
Bearing Temperature Tags	024-03-030	
Enter Stock no. and Qty. into Work Order via Scan Tool		

Work Order ID: 5810

Car.No. 1756 Date: 7-23-21
Current-Life-Mileage: 1740593
Last Inspection Life Mileage: 1732656
Mileage Since Last Inspected: 7937

[illegible]

#1 Wheel Size: 27³/₄ Condition: ON #2 Wheel Size: 27¹/₂ Condition: ON
#3 Wheel Size: 27¹/₂ Condition: ON #4 Wheel Size: 28 Condition: ON

Foreperson's Signature PII Employee Number: 66583

Rev1 10-19

INSPECTION FORM

CAR NO. 1756 **DATE:** 7-23-21
MILEAGE SINCE LAST INSPECTED: 7937

Tasks:	<i>V-Visual</i>	<i>L-Lubricate</i>	<i>C-Clean</i>
	<i>F-Verify proper function</i>	<i>R-Replace as needed</i>	<i>P-Purge</i>
	<i>A-Adjust to proper setting</i>	<i>X-Record values</i>	<i>T-Test</i>

Note to Inspection Staff: If any problems are noted during your inspection please place a circle around the task number of the problem area. These circled items will then be transferred to deferred items list for further attention.

Task No.	Description	Task	Initials	Task No.	Description	Task	Initials
Truck Inspection Sections 1,2,3				Truck Inspector Initial Sections 1,2,3			
1	Truck Frame	V	PII	Signature: [Redacted] Emp. No: 70885			
1.a	King Pin and Hardware	V,F		Propulsion Section 4			
1.b	Hoses, Piping and Clamps	V,F		4	Propulsion Enclosure, Covers, Gaskets	V,F,C	PII
1.c	Cables, Ground Straps	V,F,R		4.a	Propulsion Relays and Tips	V,F,C,R	
1.d	Bearer Surfaces ; Center and Side	V,F		4.b	Cables, Wiring, Connections.	V,F,A	
1.e	Journal Springs	V		4.c	Line Switch Coil-Blowout, Overload	V,F,A,R,C	
1.f	Pedestal Bolts	V,A		4.d	Line Switch Tips-Main, Overload	V,F,A,R,C	
1.g	Bolster Anchors Shimming and Bolts	V,F		4.e	Operation of all Mag Valves	V,F,L	
1.h	Dampers, Snubbers and Shocks	V,F		4.f	SPC Tips, Cam Rollers, Shunts	V,F,A,R,C	
1.i	Hand Brake Linkage	V,F,A,L,R		4.g	SPC Interlock Tips	V,F,A,R,C	
1.j	Shoe Beams, Flash Shields (hardware)	V,F,A		4.h	PBC Tips, Cam Rollers, Shunts	V,F,A,R,C	
1.k	Collector Paddles (height and tension)	V,F,A,R		4.i	Reverser Segments and Insulators	V,F,R,C	
1.l	Shoe Shunts, Fuses and Hardware	V,F,A,R		4.j	Reverser Interlock Tips	V,F,A,R,C	
1.m	Sleet Scrapers, Blades, Hoses and Hardware	V,F,A,L,R		4.k	Contactors Tips and Shunts	V,F,A,R,C	
1.n	Trips, Hoses and Hardware	V,F,A,L		4.l	Contactors Interlock Tips, Shunts, Arms	V,F,A,R,C	
1.o	Brake Units, Shoes, Keys, Piping and Hoses	V,F,A,L,R	4.m	Electronic Cards	V,F,R		
1.p	Brake Cutout, Linkage and Hardware	V,F,L	4.n	Cam-Controller, Switches, Tips and Shunts	V,F,A,R,C		
1.q	ATP Receiver Coils and Hardware	V,C	4.o	Mag Amp Wiring and Connections	V,F		
Gear Units				4.p	Field Forcing Panel, Fuse, Wiring	V,F	
2	Gears	V	4.q	Field Shunt Resistors, Fuse, Wiring	V,F,R		
2.a	Gear Oil	V,R	4.r	Inshot Valve Operation	V,F,A		
2.b	Covers, Plugs and Breathers	V,C	4.s	Propulsion Ground Fault Unit (#1 Car)	V,F,R		
2.c	Bearings, Wear Plates, Temperature Tag	V,L,R	4.t	Propulsion Overload Light	V,F,R		
2.d	Wheels	V	4.u	Propulsion Megger Reading Case: 1.000 Meg Ω	V,F,X		
2.e	Wheel Flanges (gauge)	V	4.v	Contact Shoe Megger Reading Shoe: 266.2 Meg Ω	V,F,X		
2.f	Wheel Diameter	V,X	4.w	Braking Grids and Cables	V		
2.g	Axles (Wheel Back to Back Measurement) 1: 53 3/8 2: 53 3/8 3: 53 3/8 4: 53 3/8	V,X	4.x	Propulsion Air Supply, Hoses and Piping	V,F		
2.h	Axle Ground Brushes and Springs	V,F,R	4.y	Sequence Controls With Box and Cineston	V,F		
2.i	Axle Ground Ring Signature: [Redacted]	V	4.z	Notch car with 600v "Think Safety"	V,F		
2.j	Axle Ground Housings and Hardware	V,F,R	Propulsion Inspector Initial Section 4				
2.k	Axle Ground Cables Straps and Jumpers	V,F,A,R	Signature: [Redacted] Emp. No: 503921				
Traction Motors				Air & Electric / Couplers Inspection Sections 5,6,7			
3	Motors	V	5	Air System	V	PII	
3.a	Motor Filters, Covers	V,F,R	5.a	Compressor Motor Brushes	V,F,C,R		
3.b	Motor Brushes, Brush holders	V,F,R	5.b	Air Compressor Unit, Oil Level	V,F,L,R		
3.c	Horizontal Mounting Bolts and Bushings	V	5.c	Compressor Control Box and Tips	V,F,R		
3.d	Vertical Mounting Bolts and Bushings	V					
3.e	Safety Brackets and Hardware	V,F					
3.f	Motor to Gear Unit Bolts (torque) 150 ft-lbs.	V,A					
3.g	Motor Cables and Clamps	V,F					
3.h	Motor Clamshell Leads	V					
3.i	Clamshell Contacts and Hardware	V					

MBTA REDLINE

#1 and #2 CAR

CAR NO. 1756DATE: 10/21/21**INSPECTION FORM**MILEAGE SINCE LAST INSPECTED: 7902

Tasks:	V-Visual	L-Lubricate	C-Clean
	F-Verify proper function	R-Replace as needed	P-Purge
	A-Adjust to proper setting	X-Record values	T-Test

Note to Inspection Staff: If any problems are noted during your inspection please place a circle around the task number of the problem area. These circled items will then be transferred to deferred items list for further attention.

Task No.	Description	Task	Initials	Task No.	Description	Task	Initials
Truck Inspection Sections 1,2,3				Truck Inspector Initial Sections 1,2,3			
1	Truck Frame	V	PII	Signature: <u>[Redacted]</u> Emp. No: <u>73209</u>			
1.a.	King Pin and Hardware	V,F		Propulsion Section 4			
1.b.	Hoses, Piping and Clamps	V,F		4	Propulsion Enclosure, Covers, Gaskets	V,F,C	PII
1.c.	Cables, Ground Straps	V,F,R		4.a.	Propulsion Relays and Tips	V,F,C,R	
1.d.	Bearer Surfaces ; Center and Side	V,F		4.b.	Cables, Wiring, Connections	V,F,A	
1.e.	Journal Springs	V		4.c.	Line Switch Coil-Blowout, Overload	V,F,A,R,C	
1.f.	Pedestal Bolts	V,A		4.d.	Line Switch Tips-Main, Overload	V,F,A,R,C	
1.g.	Bolster Anchors Shimming and Bolts	V,F		4.e.	Operation of all Mag Valves	V,F,L	
1.h.	Dampers, Snubbers and Shocks	V,F		4.f.	SPC Tips, Cam Rollers, Shunts	V,F,A,R,C	
1.i.	Hand Brake Linkage	V,F,A,L,R		4.g.	SPC Interlock Tips	V,F,A,R,C	
1.j.	Shoe Beams, Flash Shields (hardware)	V,F,A		4.h.	PBC Tips, Cam Rollers, Shunts	V,F,A,R,C	
1.k.	Collector Paddles (height and tension)	V,F,A,R		4.i.	Reverser Segments and Insulators	V,F,R,C	
1.l.	Shoe Shunts, Fuses and Hardware	V,F,A,R		4.j.	Reverser Interlock Tips	V,F,A,R,C	
1.m.	Sleet Scrapers, Blades, Hoses and Hardware	V,F,A,L,R		4.k.	Contactor Tips and Shunts	V,F,A,R,C	
1.n.	Trips, Hoses and Hardware	V,F,A,L		4.l.	Contactor Interlock Tips, Shunts, Arms	V,F,A,R,C	
1.o.	Brake Units, Shoes, Keys, Piping and Hoses	V,F,A,L,R		4.m.	Electronic Cards	V,F,R	
1.p.	Brake Cutout, Linkage and Hardware	V,F,L		4.n.	Cam Controller, Switches, Tips and Shunts	V,F,A,R,C	
1.q.	ATP Receiver Coils and Hardware	V,C		4.o.	Mag Amp Wiring and Connections	V,F	
Gear Units				4.p.	Field Forcing Panel, Fuse, Wiring	V,F	
2	Gears	V		4.q.	Field Shunt Resistors, Fuse, Wiring	V,F,R	
2.a.	Gear Oil	V,R		4.r.	Inshot Valve Operation	V,F,A	
2.b.	Covers, Plugs and Breathers	V,C		4.s.	Propulsion Ground Fault Unit (#1 Car)	V,F,R	
2.c.	Bearings, Wear Plates, Temperature Tag	V,L,R		4.t.	Propulsion Overload Light	V,F,R	
2.d.	Wheels	V		4.u.	Propulsion Megger Reading	V,F,X	
2.e.	Wheel Flanges (gauge)	V		Case: <u>.9</u> Meg Ω			
2.f.	Wheel Diameter	V,X		4.v.	Contact Shoe Megger Reading	V,F,X	
2.g.	Axles (Wheel Back to Back Measurement)	V,X		Shoe: <u>500+</u> Meg Ω			
1: <u>53 1/16</u>				4.w.	Braking Grids and Cables	V	
2: <u>53 1/16</u>				4.x.	Propulsion Air Supply, Hoses and Piping	V,F	
3: <u>53 1/16</u>				4.y.	Sequence Controls With Box and Cineston	V,F	
4: <u>53 1/16</u>				4.z.	Notch car with 600v "Think Safety"	V,F	
2.h.	Axle Ground Brushes and Springs	V,F,R		Propulsion Inspector Initial Section 4			
2.i.	Axle Ground Ring	V		Signature: <u>[Redacted]</u> Emp. No: <u>66311</u>			
Signature: <u>[Redacted]</u>				Air & Electric / Couplers Inspection Sections 5,6,7			
2.j.	Axle Ground Housings and Hardware	V,F,R		5	Air System	V	PII
2.k.	Axle Ground Cables Straps and Jumpers	V,F,A,R		5.a.	Compressor Motor Brushes	V,F,C,R	
Traction Motors				5.b.	Air Compressor Unit, Oil Level	V,F,L,R	
3	Motors	V		5.c.	Compressor Control Box and Tips	V,F,R	
3.a.	Motor Filters, Covers	V,F,R					
3.b.	Motor Brushes, Brush holders	V,F,R					
3.c.	Horizontal Mounting Bolts and Bushings	V					
3.d.	Vertical Mounting Bolts and Bushings	V					
3.e.	Safety Brackets and Hardware	V,F					
3.f.	Motor to Gear Unit Bolts (torque) 150 ft-lbs.	V,A					
3.g.	Motor Cables and Clamps	V,F					
3.h.	Motor Clamshell Leads	V					
3.i.	Clamshell Contacts and Hardware	V					

Task No.	Description	Task	Initials	Task No.	Description	Task	Initials	
Air & Electric / Couplers (continued)				Car Body Inspection Sections 8,9,10				
5d.	Gov. Pressure Switch; Gov. Off/On PSI <u>128</u> / <u>152</u>	V,F,A,X	PII	Interior				
5.e.	Compressor Off Time: <u>4</u> min <u>56</u> sec	V,F,X		8	Interior Car body	V	PII	
5.f.	Intercooler Pressure: <u>41</u> PSI	V,F,X,P		8.a.	Glass and Window Gaskets	V,F,R		
5.g.	Drain Valve / Tanks (purge)	V,F,P		8.b.	Lighting: Passenger, Cab, Emergency	V,F,R		
5.h.	Heaters (compressor and drain valve)	V,F		8.c.	Horns, Buzzers and Bells	V,F		
5.i.	Wiring, Piping, Hoses	V,F		8.d.	Windshield Wiper and Blade	V,F,R		
5.j.	Dryers / Filters	V,F		8.e.	Cab Heat and Defroster	V,F,C		
5.k.	Cineston and Deadman Operation, Switch Springs, Cineston Contact Tips	V,F,C,R		8.f.	Radio, PA, Intercom and PEI	V,F		
5.l.	Console Gauges	V,F,A,R		8.g.	Operator's Seat, Visor and Curtains	V,F,R		
5.m.	Brake Pressures: Brake Valves SAP <u>72</u> PSI BP <u>110</u> PSI MIN <u>14</u> PSI MAX <u>36</u> PSI EMERG <u>43</u> PSI SNOW <u>8</u> PSI INSHOT <u>10</u> PSI	V,F,A,X		8.h.	Sash Windows	V,F,R		
5.n.	Air Spring /Leveling Valves, Pressures #1 <u>17</u> PSI #2cs <u>16</u> PSI #2ocs <u>16</u> PSI	V,F,A,X		8.i.	Console Switches and Labels	V,F,R		
Auxiliary Electrics				8.j.	Instruction Decals and Advertising Signs	V,F		
6	Converter: Gaskets, Covers, Hardware	V,F	PII	8.k.	Safety Equipment: Ladder, 4 Shoe Hooks, Shoe Lifter, 2 Fire Extinguishers, Evac Chair/even car, Rope/Ty-Rap®	V,F,R		
6.a.	Electronic Card Rack / Controls	V,F		8.l.	Low Voltage Circuit Breaker Panel	V		
6.b.	External Resistors: Cabling	V		8.m.	Stanchions and Grab Handles	V,F		
6.c.	Output Voltage MG / Converter <u>37.5</u> volts.	V,F,A,X		8.n.	Passenger Seats	V,R		
6.d.	Battery Enclosure, Cover, Hardware	V,F,C		8.o.	Passenger Emergency Pulls and Tabs	V,F,R		
6.e.	Battery Vent Caps, Terminals, Cables, Trays	V,F,C		8.p.	Interior Panels and Flooring	V		
6.f.	Battery Cells, Excessive Corrosion	V,F,R,C		8.q.	Trip Cutout, Horn Cutout and Air Spring Cutouts	V,F		
6.g.	Battery Electrolyte Level (deionized water) Battery <u>3202</u> volts.	V,F,R,X		8.r.	Handbrake Ratchet and Micro Switch	V,F,L		
6.h.	Snow Brake, Sleet Scraper (amber) Lights	V,F,R		8.s.	Destination Signs and Lighting	V,F,R		
Couplers				Exterior				
7	Electric Coupler Boxes and Buttons	V,F,R,C	PII	9	Exterior Car body	V		
7.a.	Air Control Valves (EP Box)	V,F		9.a.	Destination Signs Roll; Interior / Exterior	V,F,R		
7.b.	Centering Device and Negating Valve	V,F,L		9.b.	Marker Lights	V,F,R		
7.c.	Drum Switch	V,F		9.c.	ATP Operation (amber) Lights	V,F,R		
7.d.	Draft Gears	V,F		9.d.	Snow brake / Sleet Scraper (amber) Lights	V,F,R		
7.e.	Coupler Head, Height Adjuster, Gauge	V,F,L		9.e.	End Gate, Springs and Straps	V,F		
7.f.	Manual Uncouple Lever	V,F,L		9.f.	Handbrake, Door Pilot, and Individual Door Leaf Lights	V,F,R		
7.g.	Drawbar Yoke, Anchor and Casting	V,F		Doors				
7.h.	Shear Pins and Safety Wire	V,R		10	Door Operation	V,F		
7.i.	Radial Carrier	V,F,L		10.a.	Door Control Relay Panel; Relays & Wiring	V,F,C,R		
7.j.	Cables, Clamps, Cannon Plugs (safety wire)	V,R	PII	10.b.	Door Open & Close Toggle Switches	V,F,R		
7.k.	Air Pipes, Hoses, Clamps and Hardware	V,R		10.c.	Door Set-up Switch	V,F		
Air & Electric / Couplers Inspector Initial Section 5,6,7				10.d.	Door By-Pass Switch	V,F		
Signature: <u>[Signature]</u> Emp. No: <u>73601</u>				10.e.	Door Engine Operators	V,F,A		
				10.f.	Obstruction Micro Switches	V,F,A		
				10.g.	Door Locking / Unlocking Assemblies	V,F,A,L		
				10.h.	Door Obstruction; Test Top, Middle and Bottom	V,F,A		
				10.i.	Door Leaf Alignment	V,F,A		
				10.j.	Door Actuators, Tracks, Rollers and Shims	V,F		
				10.k.	Door Nosing Rubbers, Alignment, Gap and Condition	V,F,A		
				10.l.	Door Emergency Release Handles	V,F,A		
				10.m.	#1 End Door (track, lock and latch)	V,F,L,C		
					#25			
				10.o.	Cab Door (jamb, hinges and lock)	V,F,L,C		
				10.p.	Spin Slide System	V,F		

Task No.	Description	Task	Initials
Doors (Continued)			
10.q.	Door Safety Ground Test: Pin #19: <u>1</u> Ω Pin #20: <u>1</u> Ω	V,F,X	PII
10.r.	No Motion Sensors B-C AXLE 1: <u>434</u> Ω AXLE 2: <u>438</u> Ω AXLE 3: <u>470</u> Ω E-F AXLE 4: <u>440</u> Ω	V,F,X	
10.s.	ATO Readings ASR: <u>/</u> Ω FRG: <u>/</u> Ω Receiver Coil Reading: <u>/</u> Ω	V,F,X	
Equal Access Inspection			
11	Complete Per Procedure Using EAI Form Filed With This Mileage Inspection Form	T	
Car Body Inspector Initial Sections 8,9,10,11			
Signature: <u>PII</u> Emp. No: <u>66422</u>			

Part	Stock Number	Quantity
Contact Shoe	025-96-001	1
Contact Shoe Shunt	025-74-090	
Contact Shoe Stud	025-96-010	
Ice Scraping Contact Shoe	030-74-118	2
Shoe Fuse #1&2 Car	025-74-509	
Brake Shoe #1&2 Car	010-96-029	4
Sleet Scraper Blade	025-97-001	
Sleet Scraper Blade	025-97-002	
Ground Brush Holder #1&2 Car	033-74-010	
Ground Brush #1&2 Car	035-74-277	3
Ground Brush Spring #1&2 Car	033-74-007	
Ground Brush Holder Insert #1&2 Car	033-74-008	
Ground Brush Cover #1&2 Car	035-07-167	
Traction Motor Filter	030-80-132	16
Traction Motor Brush	025-04-240	16
Hitch Pin, (Handbrake Type)	420-71-020	
Picture Window	023-11-285	
Stationary Sash Window, #1 Car	023-11-314	
Sliding Sash Window, #1 Car	023-11-315	
Stationary Sash Window, #2 Car	026-74-055	
Sliding Sash Window, #2 Car	026-74-056	
Door Glass	023-11-295	
Fire Extinguisher, 10 lb.	024-10-078	
Fire Extinguisher, 20 lb.	024-10-075	
Frangible Pins, #1 Car	034-96-131	
Frangible Pins, #2 Car	026-74-001	
Fluorescent Tube T-12 48"	311-55-654	
Lamp Ballast	025-74-113	
Fluorescent Tube T-12 36"	311-55-643	
Fluorescent Tube T-12 18"	311-55-608	
Fluorescent Tube T-12 24"	311-55-615	
Pilot Light, Double Contact	025-45-837	
Pilot Light, Single Contact	025-45-022	
Bulb, Duplex Gauge	025-45-849	
Shatterproof Air Gauge Lens	032-28-046	
Drawbar Button # 1 Car	026-96-500	
Drawbar Button # 2 Car	025-23-023	
Hitch Pin (Leveling Valve Type)	032-55-001	
D4 Intake Filter	032-11-033	1
D4 Comp. Brushes	032-11-251	
Interlock Arm Contacts	035-01-191	
Cam Switch Tip, Movable	035-80-001	4
Cam Switch Tip, Fixed	035-90-002	4
Contact Tip, Copper	035-80-005	4
Contact Tip, Silver	035-65-319	
Cam Switch Shunts	035-01-154	
Line Switch Tip	035-01-105	2
E-Brake Lever Plastic Tab	026-96-115	
Bearing Temperature Tags	024-03-030	
15 Amp Fuses		1
Enter Stock no. and Qty. into Work Order via Scan Tool		

DEFERRED ITEMS LIST

Work Order ID: 432-2021-8188

Mileage Since Last Inspected: 7902

Deferred Priority Codes: A-Hold for Repair, B-Schedule for Repair

[illegible]

#1 Wheel Size: <u>27 3/4</u>	Condition: <u>Minor Spalls</u>	#2 Wheel Size: <u>27 1/2</u>	Condition: <u>Minor Spalls</u>
#3 Wheel Size: <u>27 1/2</u>	Condition: <u>Minor Spalls</u>	#4 Wheel Size: <u>28</u>	Condition: <u>Minor Spalls</u>

Foreperson's Signature

Employee Number: 69951

Initial Sections 2.d,e,f. and 10.p.

EQUAL ACCESS INSPECTION

RED LINE FLEET

DATE: 10/21/21

CAR NUMBER: 1756

Platform Height and Gap Inspection

Place threshold gauge onto and inside the running rail, keeping gauge level to floor. Use gauge to inspect door threshold height and gap by using the colors on the measurement-sliding device. Green area inspects the gap, red area inspects the height.

DOOR	PLATFORM GAP MEASUREMENT		PLATFORM HEIGHT MEASUREMENT	
	GO	NO GO	GO	NO GO
A	✓		✓	
B	✓		✓	
C	✓		✓	
D	✓		✓	
E	✓		✓	
F	✓		✓	
G				
H				

PA Sound Level Inspection

Place the sound level meter in the center of the car, five feet above floor for test. Activate door close chime, recording the maximum (dBA) level on the meter.

Maximum level recorded (dBA) 76

Enter Y-EAI code and 30 minutes labor on each car, file with Mileage Inspection sheet.

MBTA REDLINE

#1 and #2 CAR

CAR NO. 01756DATE: 12/20/21**INSPECTION FORM**MILEAGE SINCE LAST INSPECTED: 7225

Tasks:	V-Visual	L-Lubricate	C-Clean
	F-Verify proper function	R-Replace as needed	P-Purge
	A-Adjust to proper setting	X-Record values	T-Test

Note to Inspection Staff: If any problems are noted during your inspection please place a circle around the task number of the problem area. These circled items will then be transferred to deferred items list for further attention.

Task No.	Description	Task	Initials	Task No.	Description	Task	Initials
Truck Inspection Sections 1,2,3				Truck Inspector Initial Sections 1,2,3			
1	Truck Frame	V	PII	Signature: <u>[Redacted]</u> Emp. No: <u>503921</u>			
1.a.	King Pin and Hardware	V,F		Propulsion Section 4			
1.b.	Hoses, Piping and Clamps	V,F		4	Propulsion Enclosure, Covers, Gaskets	V,F,C	PII
1.c.	Cables, Ground Straps	V,F,R		4.a.	Propulsion Relays and Tips	V,F,C,R	
1.d.	Bearer Surfaces ; Center and Side	V,F		4.b.	Cables, Wiring, Connections	V,F,A	
1.e.	Journal Springs	V		4.c.	Line Switch Coil-Blowout, Overload	V,F,A,R,C	
1.f.	Pedestal Bolts	V,A		4.d.	Line Switch Tips-Main, Overload	V,F,A,R,C	
1.g.	Bolster Anchors Shimming and Bolts	V,F		4.e.	Operation of all Mag Valves	V,F,L	
1.h.	Dampers, Snubbers and Shocks	V,F		4.f.	SPC Tips, Cam Rollers, Shunts	V,F,A,R,C	
1.i.	Hand Brake Linkage	V,F,A,L,R		4.g.	SPC Interlock Tips	V,F,A,R,C	
1.j.	Shoe Beams, Flash Shields (hardware)	V,F,A		4.h.	PBC Tips, Cam Rollers, Shunts	V,F,A,R,C	
1.k.	Collector Paddles (height and tension)	V,F,A,R		4.i.	Reverser Segments and Insulators	V,F,R,C	
1.l.	Shoe Shunts, Fuses and Hardware	V,F,A,R		4.j.	Reverser Interlock Tips	V,F,A,R,C	
1.m.	Sleet Scrapers, Blades, Hoses and Hardware	V,F,A,L,R		4.k.	Contactor Tips and Shunts	V,F,A,R,C	
1.n.	Trips, Hoses and Hardware	V,F,A,L		4.l.	Contactor Interlock Tips, Shunts, Arms	V,F,A,R,C	
1.o.	Brake Units, Shoes, Keys, Piping and Hoses	V,F,A,L,R		4.m.	Electronic Cards	V,F,R	
1.p.	Brake Cutout, Linkage and Hardware	V,F,L		4.n.	Cam Controller, Switches, Tips and Shunts	V,F,A,R,C	
1.q.	ATP Receiver Coils and Hardware	V,C		4.o.	Mag Amp Wiring and Connections	V,F	
Gear Units				4.p.	Field Forcing Panel, Fuse, Wiring	V,F	
2	Gears	V	4.q.	Field Shunt Resistors, Fuse, Wiring	V,F,R		
2.a.	Gear Oil	V,R	4.r.	Inshot Valve Operation	V,F,A		
2.b.	Covers, Plugs and Breathers	V,C	4.s.	Propulsion Ground Fault Unit (#1 Car)	V,F,R		
2.c.	Bearings, Wear Plates, Temperature Tag	V,L,R	4.t.	Propulsion Overload Light	V,F,R		
2.d.	Wheels	V	4.u.	Propulsion Megger Reading Case: <u>.9</u> Meg Ω	V,F,X		
2.e.	Wheel Flanges (gauge)	V	4.v.	Contact Shoe Megger Reading Shoe: <u>∞</u> Meg Ω	V,F,X		
2.f.	Wheel Diameter	V,X	4.w.	Braking Grids and Cables	V		
2.g.	Axles (Wheel Back to Back Measurement) 1: <u>53 3/4</u> 2: <u>53 3/4</u> 3: <u>53 3/4</u> 4: <u>53 7/8</u>	V,X	4.x.	Propulsion Air Supply, Hoses and Piping	V,F		
2.h.	Axle Ground Brushes and Springs	V,F,R	4.y.	Sequence Controls With Box and Cineston	V,F		
2.i.	Axle Ground Ring Signature: <u>[Redacted]</u>	V	4.z.	Notch car with 600v "Think Safety"	V,F		
2.j.	Axle Ground Housings and Hardware	V,F,R	Propulsion Inspector Initial Section 4				
2.k.	Axle Ground Cables Straps and Jumpers	V,F,A,R	Signature: <u>[Redacted]</u> Emp. No: <u>71593</u>				
Traction Motors				Air & Electric / Couplers Inspection Sections 5,6,7			
3	Motors	V	5	Air System	V	PII	
3.a.	Motor Filters, Covers	V,F,R	5.a.	Compressor Motor Brushes	V,F,C,R		
3.b.	Motor Brushes, Brush holders	V,F,R	5.b.	Air Compressor Unit, Oil Level	V,F,L,R		
3.c.	Horizontal Mounting Bolts and Bushings	V	5.c.	Compressor Control Box and Tips	V,F,R		
3.d.	Vertical Mounting Bolts and Bushings	V					
3.e.	Safety Brackets and Hardware	V,F					
3.f.	Motor to Gear Unit Bolts (torque) 150 ft-lbs.	V,A					
3.g.	Motor Cables and Clamps	V,F					
3.h.	Motor Clamshell Leads	V					
3.i.	Clamshell Contacts and Hardware	V					

Task No.	Description	Task	Initials	Task No.	Description	Task	Initials
Air & Electric / Couplers (continued)				Car Body Inspection Sections 8,9,10			
5d.	Gov. Pressure Switch; Gov. Off/On PSI <u>148</u> / <u>132</u>	V,F,A,X	PII	Interior			
(5.e)	Compressor Off Time: <u>2</u> min <u>39</u> sec	V,F,X		8	Interior Car body	V	PII
5.f.	Intercooler Pressure: <u>38</u> PSI	V,F,X,P		8.a.	Glass and Window Gaskets	V,F,R	
5.g.	Drain Valve / Tanks (purge)	V,F,P		8.b.	Lighting; Passenger, Cab, Emergency	V,F,R	
5.h.	Heaters (compressor and drain valve)	V,F		8.c.	Horns, Buzzers and Bells	V,F	
5.i.	Wiring, Piping, Hoses	V,F		8.d.	Windshield Wiper and Blade	V,F,R	
5.j.	Dryers / Filters	V,F		8.e.	Cab Heat and Defroster	V,F,C	
5.k.	Cineston and Deadman Operation, Switch Springs, Cineston Contact Tips	V,F,C,R		8.f.	Radio, PA, Intercom and PEI	V,F	
5.l.	Console Gauges	V,F,A,R		8.g.	Operator's Seat, Visor and Curtains	V,F,R	
5.m.	Brake Pressures: Brake Valves SAP <u>72</u> PSI BP <u>110</u> PSI MIN <u>14</u> PSI MAX <u>37</u> PSI EMERG <u>42</u> PSI SNOW <u>8</u> PSI INSHOT <u>9</u> PSI	V,F,A,X		8.h.	Sash Windows	V,F,R	
				8.i.	Console Switches and Labels	V,F,R	
				8.j.	Instruction Decals and Advertising Signs	V,F	
				8.k.	Safety Equipment: Ladder, 4 Shoe Hooks, Shoe Lifter, 2 Fire Extinguishers, Evac Chair/even car, Rope/Ty-Rap®	V,F,R	
				8.l.	Low Voltage Circuit Breaker Panel	V	
				8.m.	Stanchions and Grab Handles	V,F	
			8.n.	Passenger Seats	V,R		
			8.o.	Passenger Emergency Pulls and Tabs	V,F,R		
			8.p.	Interior Panels and Flooring	V		
5.n.	Air Spring /Leveling Valves, Pressures #1 <u>24</u> PSI #2cs <u>22</u> PSI #2ocs <u>21</u> PSI	V,F,A,X	8.q.	Trip Cutout, Horn Cutout and Air Spring Cutouts	V,F		
Auxiliary Electrics				8.r.	Handbrake Ratchet and Micro Switch	V,F,L	
6	Converter: Gaskets, Covers, Hardware	V,F	8.s.	Destination Signs and Lighting	V,F,R		
6.a.	Electronic Card Rack / Controls	V,F	Exterior				
6.b.	External Resistors: Cabling	V	9	Exterior Car body	V		
6.c.	Output Voltage MG / Converter <u>37.5</u> volts.	V,F,A,X	9.a.	Destination Signs Roll; Interior / Exterior	V,F,R		
6.d.	Battery Enclosure, Cover, Hardware	V,F,C	9.b.	Marker Lights	V,F,R		
6.e.	Battery Vent Caps, Terminals, Cables, Trays	V,F,C	9.c.	ATP Operation (amber) Lights	V,F,R		
6.f.	Battery Cells, Excessive Corrosion	V,F,R,C	9.d.	Snow brake / Sleet Scraper (amber) Lights	V,F,R		
6.g.	Battery Electrolyte Level (deionized water) Battery <u>32.3</u> volts.	V,F,R,X	9.e.	End Gate, Springs and Straps	V,F		
6.h.	Snow Brake, Sleet Scraper (amber) Lights	V,F,R	9.f.	Handbrake, Door Pilot, and Individual Door Leaf Lights	V,F,R		
Couplers				Doors			
7	Electric Coupler Boxes and Buttons	V,F,R,C	10	Door Operation	V,F		
7.a.	Air Control Valves (EP Box)	V,F	10.a.	Door Control Relay Panel; Relays & Wiring	V,F,C,R		
7.b.	Centering Device and Negating Valve	V,F,L	10.b.	Door Open & Close Toggle Switches	V,F,R		
7.c.	Drum Switch	V,F	10.c.	Door Set-up Switch	V,F		
7.d.	Draft Gears	V,F	10.d.	Door By-Pass Switch	V,F		
7.e.	Coupler Head, Height Adjuster, Gauge	V,F,L	10.e.	Door Engine Operators	V,F,A		
7.f.	Manual Uncouple Lever	V,F,L	10.f.	Obstruction Micro Switches	V,F,A		
7.g.	Drawbar Yoke, Anchor and Casting	V,F	10.g.	Door Locking / Unlocking Assemblies	V,F,A,L		
7.h.	Shear Pins and Safety Wire	V,R	10.h.	Door Obstruction; Test Top, Middle and Bottom	V,F,A		
7.i.	Radial Carrier	V,F,L	10.i.	Door Leaf Alignment	V,F,A		
7.j.	Cables, Clamps, Cannon Plugs (safety wire)	V,R	10.j.	Door Actuators, Tracks, Rollers and Shims	V,F		
7.k.	Air Pipes, Hoses, Clamps and Hardware	V,R	10.k.	Door Nosing Rubbers, Alignment, Gap and Condition	V,F,A		
Air & Electric / Couplers Inspector Initial Section 5,6,7				10.l.	Door Emergency Release Handles	V,F,A	
Signature: <u>[Signature]</u> Emp. No: <u>73560</u>				10.m.	#1 End Door (track, lock and latch)	V,F,L,C	
				10.o.	Cab Door (jamb, hinges and lock)	V,F,L,C	
				10.p.	Spin Slide System	V,F	

Task No.	Description	Task	Initials
Doors (Continued)			
10.q.	Door Safety Ground Test: Pin #19: <u>1</u> Ω Pin #20: <u>2</u> Ω	V,F,X	PII
10.r.	No Motion Sensors B-C AXLE 1: <u>426</u> Ω AXLE 2: <u>426</u> Ω AXLE 3: <u>425</u> Ω E-F AXLE 4: <u>426</u> Ω	V,F,X	
10.s.	ATO Readings ASR: <u>N/A</u> Ω FRG: <u>N/A</u> Ω Receiver Coil Reading: <u>N/A</u> Ω	V,F,X	
Equal Access Inspection			
11	Complete Per Procedure Using EAI Form Filed With This Mileage Inspection Form	T	
Car Body Inspector Initial Sections 8,9,10,11			
Signature: <u>PII</u> Emp. No: <u>70815</u>			

Part	Stock Number	Quantity
Contact Shoe	025-96-001	
Contact Shoe Shunt	025-74-090	
Contact Shoe Stud	025-96-010	
Ice Scraping Contact Shoe	030-74-118	2
Shoe Fuse #1&2 Car	025-74-509	
Brake Shoe #1&2 Car	010-96-029	
Sleet Scraper Blade	025-97-001	
Sleet Scraper Blade	025-97-002	
Ground Brush Holder #1&2 Car	033-74-010	
Ground Brush #1&2 Car	035-74-277	3
Ground Brush Spring #1&2 Car	033-74-007	
Ground Brush Holder Insert #1&2 Car	033-74-008	
Ground Brush Cover #1&2 Car	035-07-167	
Traction Motor Filter	030-80-132	16
Traction Motor Brush	025-04-240	
Hitch Pin, (Handbrake Type)	420-71-020	
Picture Window	023-11-285	
Stationary Sash Window, #1 Car	023-11-314	
Sliding Sash Window, #1 Car	023-11-315	
Stationary Sash Window, #2 Car	026-74-055	
Sliding Sash Window, #2 Car	026-74-056	
Door Glass	023-11-295	
Fire Extinguisher, 10 lb.	024-10-078	
Fire Extinguisher, 20 lb.	024-10-075	
Frangible Pins, #1 Car	034-96-131	
Frangible Pins, #2 Car	026-74-001	
Fluorescent Tube T-12 48"	311-55-654	
Lamp Ballast	025-74-113	
Fluorescent Tube T-12 36"	311-55-643	
Fluorescent Tube T-12 18"	311-55-608	
Fluorescent Tube T-12 24"	311-55-615	
Pilot Light, Double Contact	025-45-837	
Pilot Light, Single Contact	025-45-022	
Bulb, Duplex Gauge	025-45-849	
Shatterproof Air Gauge Lens	032-28-046	
Drawbar Button # 1 Car	026-96-500	
Drawbar Button # 2 Car	025-23-023	
Hitch Pin (Leveling Valve Type)	032-55-001	
D4 Intake Filter	032-11-033	1
D4 Comp. Brushes	032-11-251	
Interlock Arm Contacts	035-01-191	
Cam Switch Tip, Movable	035-80-001	5
Cam Switch Tip, Fixed	035-90-002	5
Contact Tip, Copper	035-80-005	8
Contact Tip, Silver	035-65-319	
Cam Switch Shunts	035-01-154	
Line Switch Tip	035-01-105	2
E-Brake Lever Plastic Tab	026-96-115	
Bearing Temperature Tags	024-03-030	
Enter Stock no. and Qty. into Work Order via Scan Tool		

Work Order ID: 432-2021-10280

Car.No. 01756 Date: 12/20/21
Current-Life-Mileage: 1756220
Last Inspection Life Mileage: 1748495
Mileage Since Last Inspected: 7725

[illegible]

#1 Wheel Size: 27 3/4 Condition: Fair #2 Wheel Size: 27 1/2 Condition: Fair
#3 Wheel Size: 27 3/4 Condition: Fair #4 Wheel Size: 28 Condition: Fair

Foreperson's Signature [Signature] Employee Number: 507064

Rev1 10-19

EQUAL ACCESS INSPECTION

RED LINE FLEET

DATE: 12/20/21

CAR NUMBER: 01756

Platform Height and Gap Inspection

Place threshold gauge onto and inside the running rail, keeping gauge level to floor. Use gauge to inspect door threshold height and gap by using the colors on the measurement-sliding device. Green area inspects the gap, red area inspects the height.

DOOR	PLATFORM GAP MEASUREMENT		PLATFORM HEIGHT MEASUREMENT	
	GO	NO GO	GO	NO GO
A	✓		✓	
B	✓		✓	
C	✓		✓	
D	✓		✓	
E	✓		✓	
F	✓		✓	
G	X	X	X	X
H	X	X	X	X

PA Sound Level Inspection

Place the sound level meter in the center of the car, five feet above floor for test. Activate door close chime, recording the maximum (dBA) level on the meter.

Maximum level recorded (dBA) 80

Enter Y-EAI code and 30 minutes labor on each car, file with Mileage Inspection sheet.

MBTA REDLINE
#1 and #2 CAR

CAR NO. 1756

DATE: 2/2/22

INSPECTION FORM

MILEAGE SINCE LAST INSPECTED: 7802

Tasks:	V-Visual	L-Lubricate	C-Clean
	F-Verify proper function	R-Replace as needed	P-Purge
	A-Adjust to proper setting	X-Record values	T-Test

Note to Inspection Staff: If any problems are noted during your inspection please place a circle around the task number of the problem area. These circled items will then be transferred to deferred items list for further attention.

Task No.	Description	Task	Initials	Task No.	Description	Task	Initials
Truck Inspection Sections 1,2,3				Truck Inspector Initial Sections 1,2,3			
1	Truck Frame	V	PII	Signature: PII Emp. No: <u>72243</u>			
1.a	King Pin and Hardware	V,F		Propulsion Section 4			
1.b	Hoses, Piping and Clamps	V,F		4	Propulsion Enclosure, Covers, Gaskets	V,F,C	PII
1.c	Cables, Ground Straps	V,F,R		4.a	Propulsion Relays and Tips	V,F,C,R	
1.d	Bearer Surfaces ; Center and Side	V,F		4.b	Cables, Wiring, Connections	V,F,A	
1.e	Journal Springs	V		4.c	Line Switch Coil-Blowout, Overload	V,F,A,R,C	
1.f	Pedestal Bolts	V,A		4.d	Line Switch Tips-Main, Overload	V,F,A,R,C	
1.g	Bolster Anchors Shimming and Bolts	V,F		4.e	Operation of all Mag Valves	V,F,L	
1.h	Dampers, Snubbers and Shocks	V,F		4.f	SPC Tips, Cam Rollers, Shunts	V,F,A,R,C	
1.i	Hand Brake Linkage	V,F,A,L,R		4.g	SPC Interlock Tips	V,F,A,R,C	
1.j	Shoe Beams, Flash Shields (hardware)	V,F,A		4.h	PBC Tips, Cam Rollers, Shunts	V,F,A,R,C	
1.k	Collector Paddles (height and tension)	V,F,A,R		4.i	Reverser Segments and Insulators	V,F,R,C	
1.l	Shoe Shunts, Fuses and Hardware	V,F,A,R		4.j	Reverser Interlock Tips	V,F,A,R,C	
1.m	Sleet Scrapers, Blades, Hoses and Hardware	V,F,A,L,R		4.k	Contactor Tips and Shunts	V,F,A,R,C	
1.n	Trips, Hoses and Hardware	V,F,A,L		4.l	Contactor Interlock Tips, Shunts, Arms	V,F,A,R,C	
1.o	Brake Units, Shoes, Keys, Piping and Hoses	V,F,A,L,R		4.m	Electronic Cards	V,F,R	
1.p	Brake Cutout, Linkage and Hardware	V,F,L		4.n	Cam Controller, Switches, Tips and Shunts	V,F,A,R,C	
1.q	ATP Receiver Coils and Hardware	V,C		4.o	Mag Amp Wiring and Connections	V,F	
Gear Units				4.p	Field Forcing Panel, Fuse, Wiring	V,F	
2	Gears	V		4.q	Field Shunt Resistors, Fuse, Wiring	V,F,R	
2.a	Gear Oil	V,R		4.r	Inshot Valve Operation	V,F,A	
2.b	Covers, Plugs and Breathers	V,C		4.s	Propulsion Ground Fault Unit (#1 Car)	V,F,R	
2.c	Bearings, Wear Plates, Temperature Tag	V,L,R		4.t	Propulsion Overload Light	V,F,R	
2.d	Wheels	V		4.u	Propulsion Megger Reading Case: <u>9</u> Meg Ω	V,F,X	
2.g	Axles (Wheel Back to Back Measurement) 1: <u>53³⁵</u> 2: <u>53²⁸</u> 3: <u>53³⁸</u> 4: <u>53³⁸</u>	V,X		4.v	Contact Shoe Megger Reading Shoe: <u>600+</u> Meg Ω	V,F,X	
2.h	Axle Ground Brushes and Springs	V,F,R		4.w	Braking Grids and Cables	V	
2.i	Axle Ground Ring Signature: PII	V		4.x	Propulsion Air Supply, Hoses and Piping	V,F	
2.j	Axle Ground Housings and Hardware	V,F,R		4.y	Sequence Controls With Box and Cineston	V,F	
2.k	Axle Ground Cables Straps and Jumpers	V,F,A,R		4.z	Notch car with 600v "Think Safety"	V,F	
Traction Motors				Propulsion Inspector Initial Section 4			
3	Motors	V		Signature: PII Emp. No: <u>66311</u>			
3.a	Motor Filters, Covers	V,F,R		Air & Electric / Couplers Inspection Sections 5,6,7			
3.b	Motor Brushes, Brush holders	V,F,R		5	Air System	V	PII
3.c	Horizontal Mounting Bolts and Bushings	V		5.a	Compressor Motor Brushes	V,F,C,R	
3.d	Vertical Mounting Bolts and Bushings	V		5.b	Air Compressor Unit, Oil Level	V,F,L,R	
3.e	Safety Brackets and Hardware	V,F		5.c	Compressor Control Box and Tips	V,F,R	
3.f	Motor to Gear Unit Bolts (torque) 150 ft-lbs.	V,A					
3.g	Motor Cables and Clamps	V,F					
3.h	Motor Clamshell Leads	V					
3.i	Clamshell Contacts and Hardware	V					

Task No.	Description	Task	Initials	Task No.	Description	Task	Initials	
Air & Electric / Couplers (continued)				Car Body Inspection Sections 8,9,10				
5d.	Gov. Pressure Switch; Gov. Off/On PSI <u>136 / 150</u>	V,F,A,X	PII	Interior				
5.e.	Compressor Off Time: <u>4</u> min <u>20</u> sec	V,F,X		8	Interior Car body	V	PII	
5.f.	Intercooler Pressure: <u>40</u> PSI	V,F,X,P		8.a.	Glass and Window Gaskets	V,F,R		
5.g.	Drain Valve / Tanks (purge)	V,F,P		8.b.	Lighting; Passenger, Cab, Emergency	V,F,R		
5.h.	Heaters (compressor and drain valve)	V,F		8.c.	Horns, Buzzers and Bells	V,F		
5.i.	Wiring, Piping, Hoses	V,F		8.d.	Windshield Wiper and Blade	V,F,R		
5.j.	Dryers / Filters	V,F		8.e.	Cab Heat and Defroster	V,F,C		
5.k.	Cineston and Deadman Operation, Switch Springs, Cineston Contact Tips	V,F,C,R		8.f.	Radio, PA, Intercom and PEI	V,F		
5.l.	Console Gauges	V,F,A,R		8.g.	Operator's Seat, Visor and Curtains	V,F,R		
5.m.	Brake Pressures: Brake Valves SAP <u>70</u> PSI BP <u>110</u> PSI MIN <u>15</u> PSI MAX <u>34</u> PSI EMERG <u>44</u> PSI SNOW <u>8</u> PSI INSHOT <u>8</u> PSI	V,F,A,X		8.h.	Sash Windows	V,F,R		
5.n.	Air Spring /Leveling Valves, Pressures #1 <u>21</u> PSI #2cs <u>21</u> PSI #2ocs <u>20</u> PSI	V,F,A,X		8.i.	Console Switches and Labels	V,F,R		
Auxiliary Electrics				8.j.	Instruction Decals and Advertising Signs	V,F		
6	Converter: Gaskets, Covers, Hardware	V,F		8.k.	Safety Equipment: Ladder, 4 Shoe Hooks, Shoe Lifter, 2 Fire Extinguishers, Evac Chair/even car, Rope/Ty-Rap®	V,F,R		
6.a.	Electronic Card Rack / Controls	V,F		8.l.	Low Voltage Circuit Breaker Panel	V		
6.b.	External Resistors: Cabling	V		8.m.	Stanchions and Grab Handles	V,F		
6.c.	Output Voltage MG / Converter <u>35.6</u> volts.	V,F,A,X		8.n.	Passenger Seats	V,R		
6.d.	Battery Enclosure, Cover, Hardware	V,F,C		8.o.	Passenger Emergency Pulls and Tabs	V,F,R		
6.e.	Battery Vent Caps, Terminals, Cables, Trays	V,F,C		8.p.	Interior Panels and Flooring	V		
6.f.	Battery Cells, Excessive Corrosion	V,F,R,C		8.q.	Trip Cutout, Horn Cutout and Air Spring Cutouts	V,F		
6.g.	Battery Electrolyte Level (deionized water) Battery <u>32.30</u> volts.	V,F,R,X		8.r.	Handbrake Ratchet and Micro Switch	V,F,L		
6.h.	Snow Brake, Sleet Scraper (amber) Lights	V,F,R		8.s.	Destination Signs and Lighting	V,F,R		
Couplers				Exterior				
7	Electric Coupler Boxes and Buttons	V,F,R,C		9	Exterior Car body	V		
7.a.	Air Control Valves (EP Box)	V,F		9.a.	Destination Signs Roll; Interior / Exterior	V,F,R		
7.b.	Centering Device and Negating Valve	V,F,L		9.b.	Marker Lights	V,F,R		
7.c.	Drum Switch	V,F		9.c.	ATP Operation (amber) Lights	V,F,R		
7.d.	Draft Gears	V,F		9.d.	Snow brake / Sleet Scraper (amber) Lights	V,F,R		
7.e.	Coupler Head, Height Adjuster, Gauge	V,F,L		9.e.	End Gate, Springs and Straps	V,F		
7.f.	Manual Uncouple Lever	V,F,L		9.f.	Handbrake, Door Pilot, and Individual Door Leaf Lights	V,F,R		
7.g.	Drawbar Yoke, Anchor and Casting	V,F		Doors				
7.h.	Shear Pins and Safety Wire	V,R		10	Door Operation	V,F		
7.i.	Radial Carrier	V,F,L		10.a.	Door Control Relay Panel; Relays & Wiring	V,F,C,R		
7.j.	Cables, Clamps, Cannon Plugs (safety wire)	V,R		10.b.	Door Open & Close Toggle Switches	V,F,R		
7.k.	Air Pipes, Hoses, Clamps and Hardware	V,R		10.c.	Door Set-up Switch	V,F		
Air & Electric / Couplers Inspector Initial Section 5,6,7				10.d.	Door By-Pass Switch	V,F		
Signature: <u>[Signature]</u> Emp. No: <u>73601</u>				10.e.	Door Engine Operators	V,F,A		
				10.f.	Obstruction Micro Switches	V,F,A		
				10.g.	Door Locking / Unlocking Assemblies	V,F,A,L		
				10.h.	Door Obstruction; Test Top, Middle and Bottom	V,F,A		
				10.i.	Door Leaf Alignment	V,F,A		
				10.j.	Door Actuators, Tracks, Rollers and Shims	V,F		
				10.k.	Door Nosing Rubbers, Alignment, Gap and Condition	V,F,A		
				10.l.	Door Emergency Release Handles	V,F,A		
				10.m.	End Door (track, lock and latch)	V,F,L,C		
				#2				
				10.o.	Cab Door (jamb, hinges and lock)	V,F,L,C		
				10.p.	Spin Slide System	V,F		

Task No.	Description	Task	Initials
Doors (Continued)			
10.q.	Door Safety Ground Test: Pin #19: <u>13</u> Ω Pin #20: <u>13</u> Ω	V,F,X	PII
10.r.	No Motion Sensors B-C AXLE 1: <u>429</u> Ω AXLE 2: <u>433</u> Ω AXLE 3: <u>429</u> Ω E-F AXLE 4: <u>433</u> Ω	V,F,X	
10.s.	ATO Readings ASR: <u>/</u> Ω FRG: <u>/</u> Ω Receiver Coil Reading: <u>/</u> Ω	V,F,X	
Equal Access Inspection			
11	Complete Per Procedure Using EAI Form Filed With This Mileage Inspection Form	T	
Car Body Inspector Initial Sections 8,9,10,11			
Signature: <u>PII</u> Emp. No: <u>66422</u>			

Part	Stock Number	Quantity
Contact Shoe	025-96-001	1
Contact Shoe Shunt	025-74-090	
Contact Shoe Stud	025-96-010	
Ice Scraping Contact Shoe	030-74-118	1
Shoe Fuse #1&2 Car	025-74-509	
Brake Shoe #1&2 Car	010-96-029	
Sleet Scraper Blade	025-97-001	
Sleet Scraper Blade	025-97-002	
Ground Brush Holder #1&2 Car	033-74-010	
Ground Brush #1&2 Car	035-74-277	1
Ground Brush Spring #1&2 Car	033-74-007	
Ground Brush Holder Insert #1&2 Car	033-74-008	
Ground Brush Cover #1&2 Car	035-07-167	
Traction Motor Filter	030-80-132	16
Traction Motor Brush	025-04-240	8
Hitch Pin, (Handbrake Type)	420-71-020	
Picture Window	023-11-285	
Stationary Sash Window, #1 Car	023-11-314	
Sliding Sash Window, #1 Car	023-11-315	
Stationary Sash Window, #2 Car	026-74-055	
Sliding Sash Window, #2 Car	026-74-056	
Door Glass	023-11-295	
Fire Extinguisher, 10 lb.	024-10-078	1
Fire Extinguisher, 20 lb.	024-10-075	
Frangible Pins, #1 Car	034-96-131	
Frangible Pins, #2 Car	026-74-001	
Fluorescent Tube T-12 48"	311-55-654	
Lamp Ballast	025-74-113	
Fluorescent Tube T-12 36"	311-55-643	
Fluorescent Tube T-12 18"	311-55-608	
Fluorescent Tube T-12 24"	311-55-615	
Pilot Light, Double Contact	025-45-837	
Pilot Light, Single Contact	025-45-022	
Bulb, Duplex Gauge	025-45-849	
Shatterproof Air Gauge Lens	032-28-046	
Drawbar Button # 1 Car	026-96-500	
Drawbar Button # 2 Car	025-23-023	
Hitch Pin (Leveling Valve Type)	032-55-001	
D4 Intake Filter	032-11-033	
D4 Comp. Brushes	032-11-251	
Interlock Arm Contacts	035-01-191	
Cam Switch Tip, Movable	035-80-001	2
Cam Switch Tip, Fixed	035-90-002	2
Contact Tip, Copper	035-80-005	
Contact Tip, Silver	035-65-319	
Cam Switch Shunts	035-01-154	
Line Switch Tip	035-01-105	2
E-Brake Lever Plastic Tab	026-96-115	
Bearing Temperature Tags	024-03-030	
40 Amp Fuse	025-74-405	1
Enter Stock no. and Qty. into Work Order via Scan Tool		

Work Order ID: 432-2022-873

Car.No. 1756 Date: 2/2/22
Current-Life-Mileage: 1764022
Last Inspection Life Mileage: 1756220
Mileage Since Last Inspected: 7802

[illegible]

#1 Wheel Size: <u>27 3/4</u>	Condition: <u>Minor Spalls</u>	#2 Wheel Size: <u>27 1/2</u>	Condition: <u>Minor Spalls</u>
#3 Wheel Size: <u>27 1/4</u>	Condition: <u>Minor Spalls</u>	#4 Wheel Size: <u>28</u>	Condition: <u>Minor Spalls</u>

Foreperson's Signature PII Employee Number: 69451

Rev1 10-19

EQUAL ACCESS INSPECTION

RED LINE FLEET

DATE: 2/2/22

CAR NUMBER: 1756

Platform Height and Gap Inspection

Place threshold gauge onto and inside the running rail, keeping gauge level to floor. Use gauge to inspect door threshold height and gap by using the colors on the measurement-sliding device. Green area inspects the gap, red area inspects the height.

DOOR	PLATFORM GAP MEASUREMENT		PLATFORM HEIGHT MEASUREMENT	
	GO	NO GO	GO	NO GO
A	✓		✓	
B	✓		✓	
C	✓		✓	
D	✓		✓	
E	✓		✓	
F	✓		✓	
G				
H				

PA Sound Level Inspection

Place the sound level meter in the center of the car, five feet above floor for test. Activate door close chime, recording the maximum (dBA) level on the meter.

Maximum level recorded (dBA) 83

Enter Y-EAI code and 30 minutes labor on each car, file with Mileage Inspection sheet.

