

Metra - Mechanical Department

Inspection Request Form

To: _____

From: _____

Type of
Inspection
Requested: _____

Unit Number: _____

Inspection
Date
Requested: _____

Project Name: _____

Inspection
Location: _____

Project #: _____

Open Items List

Requestor has confirmed all work and associated documentation has
been completed and the unit is ready for inspection except as noted above.

Requested By (Signature):

Date:

APPENDIX F

Amerail Rehab Final Inspection Guide

Metra Quality Control Department

Latest Revisions are in Blue

Revision History

Revision	Description	Issued by	Date
-	First Release	K. Yamauchi	5/7/2014
A	Added "No droplets", "End Cap Plug Color" in Truck Inspection	K. Yamauchi	6/11/2014
B	Revised Locking Plate/End Cap Screw Inspection Added Coupler Height Inspection Added Battery Charger Shut down Inspection Added PA Inspection in Cab Room Added AED Expiration Date Erased "DANGER 480V" decal from A-1 Locker leaf	K. Yamauchi	7/28/2014
C	Added "DANGER" decal on A-1 Locker leaf	K. Yamauchi	7/30/2014

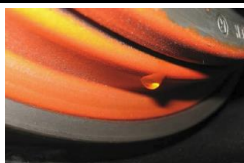
		Revised By	Date	Reviewed By	Date	Approved by	Date
D.	a. Moved Side bearing clearance inspection from Truck Section to Car Exterior Section. b. Added Pilot Height Inspection to Exterior Section. c. Moved End Curtain to Interior Section from Exterior Section. d. Moved Tail Gate or Tail Gate Bar to Interior Section from Exterior Section, added opens and closes properly, added Gate only for B end of cab Cars. e. Added B End Cab Interior Section. f. Added Gage Lights to B-End Cab Interior Section. g. Added Indicator Panel Lights to B-End Cab Interior Section. h. Added Windshield Safety Brackets to B-End Cab Interior i. Added Windshield Defroster Wiring and Covers to B-End Cab Interior Section. j. Moved Interior Center Vestibule to It's own section. k. Changed "Push to open switch to " Both Push to Open l. Added Check Push to Open Switches for sharp edges. m. Added Check Hydraulic fluid level when Lift is in lowered n. Changed Interior Amber Lights to both for ADA lifts. o. Added check both exterior amber lights turn off when lifts p. Added Lata (Trailer) Drives LED signs only. q. Added LATA / MMIT (Cab) Drives LED signs and provides r. Added Entire Paper Work Section s. Bearing Reconditioning Shop Code stamped (ex. R RBXY & MM-YY) changed to (ex. R RBXK & MM-YY) t. Revision History Block changed to show "Revised by, " " Reviewed by," and "Approved by," with dates u. Corrected misc. spelling errors v. Correct numbering issues w. Minor revisions to "Walkover" footers-all sections	C. Harris	10/28/2014	K. Yamauchi	11/5/2014	M. Alimirah	11/5/2014

Truck A-End Left

Rail Clearance	Accepted	Rejected	Note
1 Min. 2.5" between the rail and equalizer beam			

Suspension System	Accepted	Rejected	Note
1 Coil springs -no cracks, no breaks			
2 Coil springs -no contact between coils			
3 Shock absorbers -no broken/leak			
4 Safety hanger -no breaks , no loose bolts			
5 Pedestal tie bar bolts in place			
6 No breaks or worn parts			
7 Lateral bumper in place			
8 Anchor bolt assembly -No breaks , loose, bent			
9 Truck frame -no loose or worn parts			

Roller Bearing	Accepted	Rejected	Note
1 No discoloration (Overheated)			
2 Seal -no damage			
3 No distorted bearing			
4 No broken and missing cap screws			
Locking Plate & End Cap Plug			
1) Wheel Location 3-L, Journal No. "6"			
--- Locking Plate Tab locked			
--- Bearing Mounting Shop Code (ex. ORX) stamped			Copy Code:
--- Bearing Reconditioning Shop Code stamped (ex. R RBXK & MM-YY)			Copy Code:
--- End Cap Plug			
5 Metal Plug or Plastic plug --> specify color:			
2) Wheel Location 4-L, Journal No. "8"			
--- Locking Plate Tab locked			
--- Bearing Mounting Shop Code (ex. ORX) stamped			Copy Code:
--- Bearing Reconditioning Shop Code stamped (ex. R RBXK & MM-YY)			Copy Code:
--- End Cap Plug			
6 Metal Plug or Plastic plug --> specify color:			
6 No excessive grease weepage			
7 No droplets			



Side Bearing	Accepted	Rejected	Note
1 Constant contact without load			

TBU	Accepted	Rejected	Note
1 No loose bolt			
2 1.5 Thread visible			

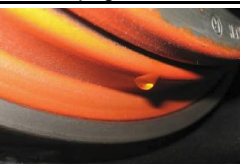
Wheels (New Wheels mounted)	Accepted	Rejected	Note
1 Any defective, crack, flat spots, grooved tread, etc.			

Walkover one more time [for any](#) missing/loose screws, or other defects.

[Notes:](#)

Truck B-End Left

Suspension System	Accepted	Rejected	Note
1 Coil springs -no cracks, no breaks			
2 Coil springs -no contact between coils			
3 Shock absorbers -no broken/leak			
4 Safety hanger -no breaks , no loose bolts			
5 Pedestal tie bar bolts in place			
6 No breaks or worn parts			
7 Lateral bumper in place			
8 Anchor bolt assembly -No breaks , loose, bent			
9 Truck frame -no loose or worn parts			

Roller Bearing	Accepted	Rejected	Note
1 No discoloration (Overheated)			
2 Seal -no damage			
3 No distorted bearing			
4 No broken and missing cap screws			
Locking Plate & End Cap Plug			
1) Wheel Location 1-L, Journal No. "2"			
--- Locking Plate Tab locked			
--- Bearing Mounting Shop Code (ex. ORX) stamped			Copy Code:
--- Bearing Reconditioning Shop Code stamped (ex. R RBXK & MM-YY)			Copy Code:
--- End Cap Plug			
5 Metal Plug or Plastic plug --> specify color:			
2) Wheel Location 2-L, Journal No. "4"			
--- Locking Plate Tab locked			
--- Bearing Mounting Shop Code (ex. ORX) stamped			Copy Code:
--- Bearing Reconditioning Shop Code stamped (ex. R RBXK & MM-YY)			Copy Code:
--- End Cap Plug			
6 No excessive grease weepage			
7 No droplets			
			
Cab B End Location 2L is not visible due to Axle Drive Assembly. Cab B End Location 1L is not visible if ATS Receiver Bracket were installed.			

Side Bearing	Accepted	Rejected	Note
1 Constant contact without load			

TBU	Accepted	Rejected	Note
1 No loose bolt			
2 1.5 Thread visible			

Wheels (New Wheels mounted)	Accepted	Rejected	Note
1 Any defective, crack, flat spots, grooved tread, etc.			

CAB CAR ONLY (B-END Left)	Accepted	Rejected	Note
1 Axle Generator installed			
2 Bach-Simpson Axle Drive installed			
3 ATS Receiver Bracket/Coil Installed (?)			

Walkover one more time [for](#) any missing/loose screws, [or other defects](#).

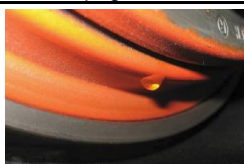
[Notes:](#)

Truck B-End Right

Rail Clearance	Accepted	Rejected	Note
1 Min. 2.5" between the rail and equalizer beam			

Suspension System	Accepted	Rejected	Note
1 Coil springs -no cracks, no breaks			
2 Coil springs -no contact between coils			
3 Shock absorbers -no broken/leak			
4 Safety hanger -no breaks , no loose bolts			
5 Pedestal tie bar bolts in place			
6 No breaks or worn parts			
7 Lateral bumper in place			
8 Anchor bolt assembly -No breaks , loose, bent			
9 Truck frame -no loose or worn parts			

Roller Bearing	Accepted	Rejected	Note
1 No discoloration (Overheated)			
2 Seal -no damage			
3 No distorted bearing			
4 No broken and missing cap screws			
Locking Plate & End Cap Plug			
1) Wheel Location 1-R, Journal No. "1"			
--- Locking Plate Tab locked			
--- Bearing Mounting Shop Code (ex. ORX) stamped			Copy Code:
--- Bearing Reconditioning Shop Code stamped (ex. R RBXY & MM-YY)			Copy Code:
--- End Cap Plug			
5 Metal Plug or Plastic plug --> specify color:			
2) Wheel Location 2-R, Journal No. "3"			
--- Locking Plate Tab locked			
--- Bearing Mounting Shop Code (ex. ORX) stamped			Copy Code:
--- Bearing Reconditioning Shop Code stamped (ex. R RBXY & MM-YY)			Copy Code:
--- End Cap Plug			
6 Metal Plug or Plastic plug --> specify color:			
6 No excessive grease weepage			
7 No droplets			



Side Bearing	Accepted	Rejected	Note
1 Constant contact			

TBU	Accepted	Rejected	Note
1 No loose bolt			
2 1.5 Thread visible			

Wheels (New Wheels mounted)	Accepted	Rejected	Note
1 Any defective, crack, flat spots, grooved tread, etc.			

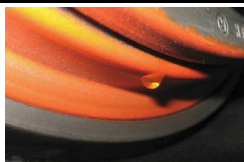
Walkover one more time for any missing/loose screws, or other defects.

Notes:

Truck A-End Right

Suspension System	Accepted	Rejected	Note
1 Coil springs -no cracks, no breaks			
2 Coil springs -no contact between coils			
3 Shock absorbers -no broken/leak			
4 Safety hanger -no breaks , no loose bolts			
5 Pedestal tie bar bolts in place			
6 No breaks or worn parts			
7 Lateral bumper in place			
8 Anchor bolt assembly -No breaks , loose, bent			
9 Truck frame -no loose or worn parts			

Roller Bearing	Accepted	Rejected	Note
1 No discoloration (Overheated)			
2 Seal -no damage			
3 No distorted bearing			
4 No broken and missing cap screws			
Locking Plate & End Cap Plug			
1) Wheel Location 3-R, Journal No. "5"			
--- Locking Plate Tab locked			
--- Bearing Mounting Shop Code (ex. ORX) stamped			Copy Code:
--- Bearing Reconditioning Shop Code stamped (ex. R RBXY & MM-YY)			Copy Code:
--- End Cap Plug			
5 Metal Plug or Plastic plug --> specify color:			
2) Wheel Location 4-R, Journal No. "7"			
--- Locking Plate Tab locked			
--- Bearing Mounting Shop Code (ex. ORX) stamped			Copy Code:
--- Bearing Reconditioning Shop Code stamped (ex. R RBXY & MM-YY)			Copy Code:
--- End Cap Plug			
6 No excessive grease weepage			
7 No droplets			



Side Bearing	Accepted	Rejected	Note
1 -Constant contact			

TBU	Accepted	Rejected	Note
1 No loose bolt			
2 1.5 Threads visible			

Wheels (New Wheels mounted)	Accepted	Rejected	Note
1 -Any defective, crack, flat spots, grooved tread, etc.			

Walkover one more time [for](#) any missing/loose screws, [or other defects](#).

[Notes:](#)

A-End Exterior

Coupler Assembly	Accepted	Rejected	Note
1 Coupler Operation -Check if any binding			
2 Operating Rod -Check if binding, bent or fouled rod			
3 Rod Eye Clearance -at least 1/8"			
4 Check if cracks and brakes			
5 Check coupler carrier for cracks			
6 Coupler Height (32.5" ~ 34.5" for empty car)			

Yoke	Accepted	Rejected	Note
1 Verify the drawbar pin retainer is in place			
2 Verify the yoke is not broken or cracked			

Bottom Face Plate (Diaphragm)	Accepted	Rejected	Note
1 No loose fasteners			
2 Spot Welding			
3 Rubber glued to pin blocks			

Diaphragm Rubber	Accepted	Rejected	Note
1 Rubber Damage			
2 Missing / Loose screws			

Side Bearings	Accepted	Rejected	Note
1 Left, Constant contact without load			
2 Right, Constant contact without load			

B-End Exterior

Coupler Assembly	Accepted	Rejected	Note
1 Coupler Operation -Check if any binding			
2 Operating Rod -Check if binding, bent or fouled rod			
3 Rod Eye Clearance -at least 1/8"			
4 Check if cracks and brakes			
5 Check coupler carrier for cracks			
6 Coupler Height (32.5" ~ 34.5" for empty car)			

Yoke	Accepted	Rejected	Note
1 Verify the drawbar pin retainer is in place			
2 Verify the yoke is not broken or cracked			

Bottom Face Plate (Diaphragm)	Accepted	Rejected	Note
1 No loose fasteners			
2 Spot Welding			
3 Rubber glue to pin blocks			

Diaphragm Rubber	Accepted	Rejected	Note
1 Rubber Damage			
2 Missing / Loose screws			

Pilot (Cab Car Only)	Accepted	Rejected	Note
1 Pilot 3" - 6" from top of rail			

Walkover one more time to see if any missing/loose screws, decals, or other defects. **Notes:**

A-End Exterior Left

Handholds & Handrail	Accepted	Rejected	Note
1 No Damage & No weld repair			
2 No loose fasteners			

Side Sill Step	Accepted	Rejected	Note
1 No damage			
2 No loose fasteners			

Windows	Accepted	Rejected	Note
1 No broken, cracked, or damaged windows			
2 Filler strip in place			
3 Tab for ingress windows & decal under the ingress windows			

Car Body	Accepted	Rejected	Note
1 No Excessive damage, holes			

Metra Decal	Accepted	Rejected	Note
1 No loose, missing fasteners			

Side Hatch for VAC	Accepted	Rejected	Note
1 No loose, missing fasteners			

Underfloor	Accepted	Rejected	Note
1 Pipe Bracket -Damage, improperly mounted			
2 Duct Seal -Cracks, damaged			
3 480 Junction Box -Damaged, 480V Danger Decal			

Air Reservoir	Accepted	Rejected	Note
1 No air leak			
2 Cock not sticking			
3 Name Plate in Place & no broken weld, no corrosion			

Brake Cylinder (Truck) Cutout Cock	Accepted	Rejected	Note
1 Painted in yellow			

Emergency Door open cock	Accepted	Rejected	Note
1 Painted in Red			
2 No Air Leak			
3 Instruction Sticker on skirt			

ADA Pump Box	Accepted	Rejected	Note
1 No Leak			
2 No loose wire terminal			
3 Caution Yellow Sticker			

ADA Frame/Bracket	Accepted	Rejected	Note
1 No loose, missing fasteners			Prestige San Mateo Eztech

Skirt	Accepted	Rejected	Note
1 No missing rivets			

Handholds for Side Loading Door	Accepted	Rejected	Note
1 No Damage & No weld repair			
2 No loose fasteners			

Walkover one more time to see if any missing/loose screws, decals, or other defects. [Notes:](#)

B-End Exterior Left

Handholds for Side Loading Door		Accepted	Rejected	Note
1	No Damage & No weld repair			
2	No loose fasteners			

Skirt		Accepted	Rejected	Note
1	No missing rivets			

Batteries		Accepted	Rejected	Note
1	No visible corrosion			
2	Battery box -All latches placed			
3	Battery box, Junction Box cover tight			

Underfloor		Accepted	Rejected	Note
1	Pipe Bracket -Damage, improperly mounted			
2	Duct Seal -Cracks, damaged			
3	480 Junction Box -Damaged, 480V Danger Decal			

Handholds & Handrail		Accepted	Rejected	Note
1	No Damage & No weld repair			
2	No loose fasteners			

Side Sill Step		Accepted	Rejected	Note
1	No damage			
2	No loose fasteners			

Windows		Accepted	Rejected	Note
1	No broken, cracked, or damaged windows			
2	Filler strip in place			
3	Tab for ingress windows & decal under the ingress windows			

Car Body		Accepted	Rejected	Note
1	No Excessive damage, holes			

Walkover one more time to see if any missing/loose screws, decals, or other defects. [Notes:](#)

B-End Exterior Right

Handholds & Handrail	Accepted	Rejected	Note
1 No Damage & No weld repair			
2 No loose fasteners			

Side Sill Step	Accepted	Rejected	Note
1 No damage			
2 No loose fasteners			

Underfloor	Accepted	Rejected	Note
1 Pipe Bracket -Damage, improperly mounted			
2 Duct Seal -Cracks, damaged			
3 480 Junction Box -Damaged, 480V Danger Decal			

Danger Sign in place	Accepted	Rejected	Note
1 LVPS/Battery Charger (Cab Car Only)			
2 Each Transformer			

LVPS/Battery Charger Test (Cab Car Only)	Accepted	Rejected	Note
1 Battery Charger shut down (Emergency Light on)			Cab Car Only

ADA Pump Box	Accepted	Rejected	Note
1 No Leak			
2 No loose wire terminal			
3 Caution Yellow Sticker			

Skirt	Accepted	Rejected	Note
1 No missing rivets			

Handholds for Side Loading Door	Accepted	Rejected	Note
1 No Damage & No weld repair			
2 No loose fasteners			

Windows	Accepted	Rejected	Note
1 No broken, cracked, or damaged windows			
2 Filler strip in place			
3 Tab for ingress windows & decal under the ingress windows			

Car Body	Accepted	Rejected	Note
1 No Excessive damage, holes			

Metra Decal	Accepted	Rejected	Note
1 No loose, missing fasteners			

Walkover one more time for any missing/loose screws, decals, or other defects.
 Notes:

Exterior A-END Right

Handholds for Side Loading Door	Accepted	Rejected	Note
1 No Damage & No weld repair			
2 No loose fasteners			

Skirt	Accepted	Rejected	Note
1 No missing rivets			

Emergency Door open cock	Accepted	Rejected	Note
1 Painted in Red			
2 No Air Leak			
3 Instruction Sticker on skirt			

Air Reservoir	Accepted	Rejected	Note
1 No air leak			
2 Cock not sticking			
3 Name Plate in Place & no broken weld, no corrosion			

Side Hatch for VAC	Accepted	Rejected	Note
1 No loose, missing fasteners			

Underfloor	Accepted	Rejected	Note
1 Pipe Bracket -Damage, improperly mounted			
2 Duct Seal -Cracks, damaged			
3 480 Junction Box -Damaged, 480V Danger Decal			

Handholds & Handrail	Accepted	Rejected	Note
1 No Damage & No weld repair			
2 No loose fasteners			

Side Sill Step	Accepted	Rejected	Note
1 No damage			
2 No loose fasteners			

Windows	Accepted	Rejected	Note
1 No broken, cracked, or damaged windows			
2 Filler strip in place			
3 Tab for ingress windows & decal under the ingress windows			

Car Body	Accepted	Rejected	Note
1 No Excessive damage, holes			

Walkover one more time for any missing/loose screws, decals, or other defects.

Notes:

Interior Center Vestibule Inspection

(Page 1 of 2)

Car #:

Date:

First Release 5/7/14
Revision A 6/11/14
Revision B 7/28/14
Revision C 7/30/14
Revision D 10/28/14

Interior Center Vestibule Area 1/2

B-End Center Vestibule Bi-Parting Doors	Accepted	Rejected	Note
1 Both Push to Open Switches Function			
2 Push to Open Switches do not have sharp edges			
3 Sensitive Edge Function			

A-End Center Vestibule Bi-Parting Doors	Accepted	Rejected	Note
1 Both Push to Open Switches Function			
2 Push to Open Switches do not have sharp edges			
3 Sensitive Edge Function			

Left Side Loading Doors	Accepted	Rejected	Note
1 Glazing FRA Type I or FRA Type II or FRA Type I & II			
2 Sensitive Edge Function			
3 Door Light (outside) Check (Red Light illuminated when open)			

Right Side Loading Doors	Accepted	Rejected	Note
1 Glazing FRA Type I or FRA Type II or FRA Type I & II			
2 Sensitive Edge Function			
3 Door Light (outside) Check (Red Light illuminated when open)			

Left ADA Wheelchair Lift	Accepted	Rejected	Note
1 Operation by Internal Switch			
2 Beep sound when DEPLOY/STORE			
3 DEPLOY/STORE Smoothly without obstacles			
4 No interference between edge guide and door rubber			
5 Operation by External Switch			
6 Beep sound when DEPLOY/STORE			
7 DEPLOY/STORE Smoothly without obstacles			
8 No interference between edge guide and door rubber			
9 When lift is lowered, check reservoir fluid level in ADA pump box.			

Right ADA Wheelchair Lift	Accepted	Rejected	Note
1 Operation by Internal Switch			
2 Beep sound when DEPLOY/STORE			
3 DEPLOY/STORE Smoothly without obstacles			
4 No interference between edge guide and door rubber			
5 Operation by External Switch			
6 Beep sound when DEPLOY/STORE			
7 DEPLOY/STORE Smoothly without obstacles			
8 No interference between edge guide and door rubber			
9 When lift is lowered, check reservoir fluid level in ADA pump box.			

ADA Wheelchair Lift Clear Light (Amber) & Brake Release	Accepted	Rejected	Note
1 Interior Amber Lights turn off when both ADA lifts released			
2 Brake Release sound to be heard when both ADA lifts released			
3 Both exterior Amber Lights turn off when both ADA lifts released			

Interior Center Vestibule Inspection

(Page 2 of 2)

Car #:

Date:

First Release 5/7/14
Revision A 6/11/14
Revision B 7/28/14
Revision C 7/30/14
Revision D 10/28/14

Interior Center Vestibule Area 2/2

LATA Equipment (Trailer Car only)		Accepted	Rejected	Note
1	Key Pad (Trailer Car)			
2	Lata (Trailer) Drives LED signs only			
3	Lata / MMIT (Cab) Drives LED signs and provides Audio			
Cab car is not Rehab's scope of work. Some cab cars were delivered with LATA equipment, some were not.				

PA		Accepted	Rejected	Note
1	PA			

Emergency Door open cock (2 Locations)		Accepted	Rejected	Note
1	Painted in Red			
2	No Air Leak			
3	Instruction Decal			

A/C Access Panel		Accepted	Rejected	Note
1	Left -No fasteners left			
2	Left -No Rubber Crimping, twisting			
3	Left -Safety Latch & Chain in place			
4	Right -No fasteners left			
5	Right -No Rubber Crimping, twisting			
6	Right -Safety Latch & Chain in Plate			

Walkover one more time [for](#) any missing/loose screws, trim, decals, or other defects. [Notes:](#)

B-END Interior Lower Level

Handbrake	Accepted	Rejected	Note
1 Check components are not broken or missing			
2 Functional check			

B End Door (Trailer Car ONLY)	Accepted	Rejected	Note
1 End Door Glazing FRA Type I only			
2 Glazing Color (Trailer Car) -Clear			
3 Lock without key hole cover (Trailer Car)			

B End Door (Cab Car ONLY)	Accepted	Rejected	Note
1 End Door Glazing FRA Type I only			
2 Glazing Color (Cab Car) -Tinted			
3 Lock with key hole cover (Cab Car)			

End Curtain	Accepted	Rejected	Note
1 End Curtain is placed			New installed Re-used installed
2 End Curtain Housing			New installed Re-used installed

Tail Gate or Tail Gate Bar	Accepted	Rejected	Note
1 Placed, (Cab B-End, Gate ONLY)			Cab B-End must have Tail Gate due to security reasons
2 Opens and closes properly			

Emergency Windows	Accepted	Rejected	Note
1 Function, Open & Close			
2 Instruction Decal in place on the bar			
3 Instruction Decal in place upper side of the window mask			
4 "EMERGENCY EXIT" sign on Fluorescent cover			

Side Window Glazing	Accepted	Rejected	Note
1 "FRA Type I" or "FRA Type II" or "FRA Type I & II"			

Lower Level Seats	Accepted	Rejected	Note
1 Walkover Seats -No binding, No torn			
2 Flip-up Seats -No binding, No torn			

Reading Light	Accepted	Rejected	Note
1 No burnt out bulb			

Electric Lockers	Accepted	Rejected	Note
1 B-1 "DANGER 480V" Decal on the door leaf			
2 B-1 Light is on when open			
3 B-1 Locker -Breaker properly named			
4 B-1 Locker -properly wired			
5 B-2 "DANGER 480V" Decal on the door leaf			
6 B-2 Yellow Card in place			
7 B-2 Light is on when open			
8 B-2 Locker -Breaker properly named			
9 B-2 Locker -properly wired			

PEI	Accepted	Rejected	Note
1 PEI Announcement			

Walkover one more time for any missing/loose screws, trim, decals, or other defects. Notes:

B-End Interior Toilet Area

Toilet Occupied Lamp	Accepted	Rejected	Note
1 Function			
2 Lamp Cover -not cracked			

Sink	Accepted	Rejected	Note
1 Faucet removed			

Toilet	Accepted	Rejected	Note
1 Toilet Lid not loose			

Smoke detector	Accepted	Rejected	Note
1 Function			

Water Tank Access Panel	Accepted	Rejected	Note
1 Safety Latch & Chain installed			

LATA Equipment (Trailer Car only)	Accepted	Rejected	Note
1 Equipment located upper level of toilet			

Cab car is not Rehab's scope of work. Some cab cars were delivered with LATA equipment, some were not.

AC Access Panel	Accepted	Rejected	Note
1 Safety Latch & Chain in place			
2 AC Access Hatch to be closed			

Air Filter Access Panel	Accepted	Rejected	Note
1 Air filter in place			
2 Safety Latch & Chain in place			

AED (Cab Car only)	Accepted	Rejected	Note
1 Beep sound when open			
2 Check Expiration Date			

Walkover one more time for any missing/loose screws, trim, decals, or other defects. Notes:

B-End Interior Upper Level Right Side

Right Side Stairs	Accepted	Rejected	Note
1 No loose fasteners			
2 No missing trim (molding)			
3 No gap between stair and wall (sealed)			

Upper Level Seats (Right Side)	Accepted	Rejected	Note
1 Walkover Seats -No binding, No torn			
2 Flip-up Seats -No binding, No torn			

Reading Light	Accepted	Rejected	Note
1 No burnt out bulb			

Emergency Windows	Accepted	Rejected	Note
1 Function, Open & Close			
2 Instruction Decal in place on the bar			
3 Instruction Decal in place upper side of the window mask			
4 "EMERGENCY EXIT" sign on Fluorescent cover			

Side Window Glazing	Accepted	Rejected	Note
1 "FRA Type I" or "FRA Type II" or "FRA Type I & II"			

Parcel Rack, Bottom Plate	Accepted	Rejected	Note
1 No loose / Missing fasteners			

Luggage Rack	Accepted	Rejected	Note
1 No loose / Missing fasteners			

Floor	Accepted	Rejected	Note
1 No missing trim (molding)			

Locker behind Fireman Room (Cab Car ONLY)	Accepted	Rejected	Note
1 Properly wired			

Fireman Room (CAB Car ONLY)	Accepted	Rejected	Note
1 Horn Access Cover			If the car goes to PTC, OK "OPEN"
2 If Horn Access Cover is open, Check horn connection			If the car goes to PTC, OK "Disconnected"
3 Wiper			
4 Reading Light			
5 Cab Light			

Windshield & Cab Slider Glazing (CAB Car Only)	Accepted	Rejected	Note
1 Windshields (Cab car only) --> FRA Type I only			
2 Cab Slider (Cab car only) --> FRA Type I or FRA Type II or FRA Type I & II			

Walkover one more time for any missing/loose screws, trim, decals, or other defects. Notes:

B-End Interior Upper Level Left Side

Left Side Stairs	Accepted	Rejected	Note
1 No loose fasteners			
2 No missing trim (molding)			
3 No gap between stair and wall (sealed)			

Emergency Tool Box	Accepted	Rejected	Note
1 Flashlight			
2 Fire Extinguisher (Check Expiration Date)			
3 First Aid Kit (Check Expiration Date)			
4 Pry Bar			
5 Hot box stick (B-End of CAB Cars only)			

AC Access Panel	Accepted	Rejected	Note
1 NO fasteners to be remains in AC area			
2 Flexible Air Duct connected to VAC			

Upper Level Seats (Left Side)	Accepted	Rejected	Note
1 Walkover Seats -No binding, No torn			
2 Flip-up Seats -No binding, No torn			

Reading Light	Accepted	Rejected	Note
1 No burnt out bulb			

Emergency Windows	Accepted	Rejected	Note
1 Function, Open & Close			
2 Instruction Decal in place on the bar			
3 Instruction Decal in place upper side of the window mask			
4 "EMERGENCY EXIT" sign on Fluorescent cover			

Side Window Glazing	Accepted	Rejected	Note
1 "FRA Type I" or "FRA Type II" or "FRA Type I & II"			

Parcel Rack, Bottom Plate	Accepted	Rejected	Note
1 No loose / Missing fasteners			

Luggage Rack	Accepted	Rejected	Note
1 No loose / Missing fasteners			

Floor	Accepted	Rejected	Note
1 No missing trim (molding)			

Locker behind Cab Room (Cab car ONLY)	Accepted	Rejected	Note
1 Properly wired			

Walkover one more time for any missing/loose screws, trim, decals, or other defects. Notes:

B-End Cab Interior

Cab Room (Cab car ONLY)		Accepted	Rejected	Note
1	Cab Light			
2	Reading Light			
3	Wiper			
4	Blue Card			
5	Ditch Light			
6	PA Operation			
7	Gage Lights			
8	Indicator Panel, Lights Press to Test			

Windshield & Cab Slider Glazing (Cab car ONLY)		Accepted	Rejected	Note
1	Windshields (Cab car only) --> FRA Type I only			
2	Windshields (Cab car only) Safety Brackets Installed			
3	Windshields (Cab car only) Defrosters are wired and covers in place			
4	Cab Slider (Cab car only) --> FRA Type I or FRA Type II or FRA Type I & II			

Walkover one more time for any missing/loose screws, trim, decals, or other defects. Notes:

A-END Interior Lower Level

A End Door		Accepted	Rejected	Note
1	End Door Glazing FRA Type I only			
2	Glazing Color -Clear			
3	Lock without key hole cover			
End Curtain		Accepted	Rejected	Note
1	End Curtain is placed			New installed Re-used installed
2	End Curtain Housing			New installed Re-used installed
Tail Gate or Tail Gate Bar		Accepted	Rejected	Note
1	Placed			
2	Opens and closes properly			
Emergency Windows		Accepted	Rejected	Note
1	Function, Open & Close			
2	Instruction Decal in place on the bar			
3	Instruction Decal in place upper side of the window mask			
4	"EMERGENCY EXIT" sign on Fluorescent cover			
Side Window Glazing		Accepted	Rejected	Note
1	"FRA Type I" or "FRA Type II" or "FRA Type I & II"			
Lower Level Seats		Accepted	Rejected	Note
1	Walkover Seats -No binding, No torn			
Reading Light		Accepted	Rejected	Note
1	No burnt out bulb			
Electric Locker		Accepted	Rejected	Note
1	A-1 "DANGER" Decal on the door leaf			Battery Charger (220V) in A-1 Locker (T-Car)
2	A-1 Light is on when open			
3	A-1 Locker -Breaker properly named			
4	A-1 Locker -properly wired			
5	A-1 Locker -Battery Charger Shut down (Emergency Light on)			Trailer car ONLY
6	A-2 "DANGER 480V" Decal on the door leaf			
7	A-2 Light is on when open			
8	A-2 Locker -Breaker properly named			
9	A-2 Locker -properly wired			
PEI		Accepted	Rejected	Note
1	PEI Announcement			
Air Filter Access Panel		Accepted	Rejected	Note
1	Air filter in place			
2	Safety Latch & Chain in place			
Walkover one more time for any missing/loose screws, trim, decals, or other defects. Notes:				

A-End Interior Upper Level Right Side

Right Side Stairs	Accepted	Rejected	Note
1 No loose fasteners			
2 No missing trim (molding)			
3 No gap between stair and wall (sealed)			

Emergency Tool Box	Accepted	Rejected	Note
1 Flashlight			
2 Fire Extinguisher (Check Expiration Date)			
3 First Aid Kit (Check Expiration Date)			
4 Pry Bar			

AC Access Panel	Accepted	Rejected	Note
1 NO fasteners to be remains in AC area			
2 Flexible Air Duct connected to VAC			

Upper Level Seats (Right Side)	Accepted	Rejected	Note
1 Walkover Seats -No binding, No torn			
2 Flip-up Seats -No binding, No torn			

Reading Light	Accepted	Rejected	Note
1 No burnt out bulb			

Emergency Windows	Accepted	Rejected	Note
1 Function, Open & Close			
2 Instruction Decal in place on the bar			
3 Instruction Decal in place upper side of the window mask			
4 "EMERGENCY EXIT" sign on Fluorescent cover			

Side Window Glazing	Accepted	Rejected	Note
1 "FRA Type I" or "FRA Type II" or "FRA Type I & II"			

Parcel Rack, Bottom Plate	Accepted	Rejected	Note
1 No loose / Missing fasteners			

Luggage Rack	Accepted	Rejected	Note
1 No loose / Missing fasteners			

Floor	Accepted	Rejected	Note
1 No missing trim (molding)			

Walkover one more time for any missing/loose screws, trim, decals, or other defects. Notes:

A-End Interior Upper Level Left Side

Left Side Stairs	Accepted	Rejected	Note
1 No loose fasteners			
2 No missing trim (molding)			
3 No gap between stair and wall (sealed)			

Upper Level Seats (Left Side)	Accepted	Rejected	Note
1 Walkover Seats -No binding, No torn			
2 Flip-up Seats -No binding, No torn			

Reading Light	Accepted	Rejected	Note
1 No burnt out bulb			

Emergency Windows	Accepted	Rejected	Note
1 Function, Open & Close			
2 Instruction Decal in place on the bar			
3 Instruction Decal in place upper side of the window mask			
4 "EMERGENCY WINDOW" sign on Fluorescent cover			

Side Window Glazing	Accepted	Rejected	Note
1 "FRA Type I" or "FRA Type II" or "FRA Type I & II"			

Parcel Rack, Bottom Plate	Accepted	Rejected	Note
1 No loose / Missing fasteners			

Luggage Rack	Accepted	Rejected	Note
1 No loose / Missing fasteners			

Floor	Accepted	Rejected	Note
1 No missing trim (molding)			

Walkover one more time for any missing/loose screws, trim, decals, or other defects. Notes:

Car History Book Inspection

(Page 1 of 1)

Car #:

Date:

First Release 5/7/14
Revision A 6/11/14
Revision B 7/28/14
Revision C 7/30/14
Revision D 10/28/14

White Rehab History Book

	Accepted	Rejected	Note
1 Amerail Coach Rehab Sign-off Sheets			QC Signatures Needed
2 TR-001 Inspection of Car body			
3 HPC-001 HVAC Pre-installation Hold Point			
4 HPC-002 Roof Hatch Pre-installation Hold Point			
5 HPC-003 Retention Tank Pre-installation Hold Point			
6 HPC-004 Truck Inspection Work Sheet			
7 HPC-005 Station "B" Final Check List			
8 HPC-006 Station "A" Final Check List			
9 HPC-007 Lavatory Floor Pre installation Hold Point			
10 HPC-008 Floor Board Pre-installation Hold Point			
11 HPC-009 Event Recorder Pre-installation Hold Point			(Cab Only)
12 HPC-0010 Floor Heater Test Check Sheet			
13 Serial Number Listing			QC Signature Needed

Green Rehab History Book

	Accepted	Rejected	Note
1 DVR Download Report RC100040A			(Cab Only)
2 Event Recorder92 Day Inspection RC99068CC			(Cab Only)
3 Cab Signal Periodic Test Report RC1375			(Cab Only)
4 Wheel Condition/ Wheel Truing Machine Record RC115			
5 Passenger Car Winterization Maintenance Report RC100043			Dated Signature Blocks Required
6 Air Conditioning Start Up Report RC99067 (A End)			
7 Air Conditioning Start Up Report RC99067 (B End)			
8 Wheelchair Lift Semi-Annual Inspection Report RC100007			Dated Signature Blocks Required
9 Electrical Daily Inspection Report RC100051			Dated Signature Blocks Required
10 Passenger Car Quadrennial (COTS) RC100051			Dated Signature Blocks Required
11 Cab Car Quadrennial Class II RC 100037			(Cab Only)Dated Signature Blocks Required
12 Copy of New Yellow Card			
13 Copy OF New Blue Card (Cab Only)			(Cab Only)

Mechanical Department Quality Plan

PROCEDURE TITLE: INSPECTION AND MEASURING TEST EQUIPMENT

Mechanical Department MQPP Procedure # MQPP-9.01

REVISION HISTORY

DOCUMENT REVISION HISTORY				
REVISION DATE	REVISION NUMBER	SECTION NUMBER	REASON FOR REVISION	DESCRIPTION
5/5/16	N/A	N/A	N/A	NEW PROCEDURE