DOCUMENT CONTROL SHEET

BOMBARDIER

UNIT#

SUPERVISOR SIGN OFF:

REVIEWED BY:

INSPECTION TYPE:

3M

pick from drop down list

DATE IN: 12/12/2014

						1/
263	-				FINISHED:	12/12/2014
WORK	ORDER#	ECMS02	2014	1352		RECEIVED DEC 16 201
RECENT WHEEL MEASUREMENTS	Wheel #	Flange Ht.	Flange Th.	Rim Th.		RECENT DEFECTS TO INSPECT
	1	18	2	30		
	2	18	2	30		
	3	18	3	31		
	4	18	2	31		
	5	18	2	30		
	6	18	2	30		
	7	18	2	29		,
	8	18	2	28		
CAPITAL PROJECT VESTIBULE CURTAINS IN CONDITION			/ & GOOD	DATE	9	YES
ALL TASK ITEM		OFF		DATE	2	YES
WHEEL DATA ATTACHE	D			12/12/1	4	
HORN TEST COPY ATTA		NIA				
EVENT RECORDER DOWNLOAD AND HARD COPY ATTACHED (*)				N/A		
ATS DOCUMENTATION A	AVAILABLE ((1)		N/A		
WINDOW PULL TEST DA	TA ATTACH			N/A		
				0.	/	1111

DATE: omotives & cab cars

DATE:

Report Date/Time: 12/12/2014 15:56

User: MARTINEZH

PM ORDER

×

Work Order ECMS02-2014-1352

Work Order ECMS02-2014-1352

Opened by: MARTINEZH

Datetime In 12/12/2014 15:54 Datetime Due 12/12/2014 16:24 Est Complete

Current Life Meter 1 0 0 Meter 2 0 0

Employee ID

Parking Stall

Priority

1 30 MINUTES

Warranty Exp Date 11/19/2012

2300

EQUIPMENT MAINTENANCE

Equipment ID SCAX263

In Service 04/10/2012

2010 ROTEM COACH STAINLESS

NA SCAX263

Equip Status

Asset ID

Contact

License No

Serial No

PM Class COACH

COACH

Reference Order Account ID 100000-1.16.55-50421 SHOP OPERATIONS

Tax Code

Hat Number

Est Hours 0.00

×

Leave Work Order

PM Service 90C-CC

Assigned Shop ECMS02

No next PM service info: this PM order is for an inspection

Comments

Notes



INSPECTOR INITIALS	MECHANICAL / E	EQUIP 7	
	DEFECT ONE PER BOX	CORRECTIVE ACTION	SRD# + INITIALS
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	SUPERVISOR:	DATE:	2/12/14
		s that supervisor has reviewed the	
ŀ		en addressed and the appropriate	
·		initial of the employee performin	
Revised 07 11 201	4		Revision 1

METROLINK/90 DAY INSPECTION COACH/CAB CAR

Work Order Number:

Date Work Order Opened:

Task ID

Description

CAR SERVICING

C-C 101 SRT-45" Dump, sanitize, service and water car.

Empty and sanitize toilet retention tank.

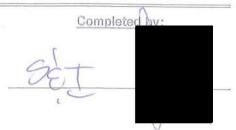
- 1. Open wheel skirts at BL corner.
- 2. Remove cap from the 1" water-intake pipe.
- 3. Remove cap from the 3" ball valve and connect dumping hose to ball valve.
- 4. Open ball valve dumping contents in holding tank into sewer,
- Connect jet-fog nozzle to the 1" water intake pipe and connect a fresh water hose to the other end of the jet-fog nozzle.
- 6. Open water supply allowing water to flow into water-intake tank for 5 to 10 minutes.
- 7 Close ball valve.
- 8. To remove large solid object from waste holding tank, remove hexagon nuts to remove the flange plate and gasket to gain access to holding tank..
- 9. Pour 1/2 gallon of bleach down toilet and flush.
- 10. Open outside water supply and fill waste-holding tank until water reaches top of flapper.
- 11. Allow water in waste holding tank to stand for 30 minutes.
- 12. Open ball valve allowing contents to drain into sewer.
- 13. Close ball valve, disconnect dump hose from ball valve, and install cap onto ball valve with cam locks locked. Ensure chain is attached to the cap and secured to the car.
- 14. Remove jet-fog nozzle from 1" water intake pipe, disconnect hose, and reinstall cap onto water-intake pipe,
- 15. Close and latch wheel skirts.

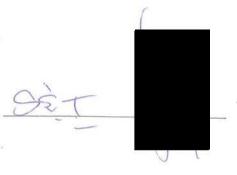
Sanitize and fill potable water tanks.

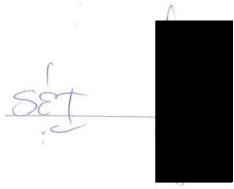
- 1. Open wheel skirts at BL corner.
- Remove protective cap and connect bleach-filling adaptor to the water-fill connection and connect fresh-water hose to the other end of the adaptor..
- In plumbing compartment, open drains valves for the 39 & 22 gallon tanks and drain tanks to approximately 1/2 full. (Drain pipes are located adjacent to jet-fog nozzle.)
- 4. Pour 1/4 gallon of bleach into bleach-filling adaptor.
- 5. Fill both water tanks to capacity.
- 6. Close pressurization valve by turning:
 - a) the air cut-off valve to the close position.
 - b) the overflow vent valve to the open position.
- 7. Allow 30 minutes for adequate sanitation.
- 8. Drain and flush tanks until proper "ph" level has been reached.
 - a) test water using white color "ph" testing paper at drinking fountain
 - b) proper "ph" level is reached when white test paper turns to a light gray.
- 9. After proper "ph" level is reached, close drain valves for the water tanks.
- Disconnect bleach-filling adaptor. Apply the protective cap ensuring it is properly secured.
- 11. Open the air cut-off valve and close the overflow vent valve.
- 12. Close and latch wheel skirts,

Replenish biocide disinfectant.

Connect a rubber hose to the drain/vent connection placing opposite end of hose in a 5 gallon container beneath overflow outlet. Connect quick disconnect fitting to biocide fill connection and fill the 20 gallon tank. When full, solution will pour out of the biocide drain/vent connection. Set biocide counter, located in plumbing compartment to zero.







Task ID

Description

Under Frame Inspection

C-C 104 SRT-30" Inspect wheels and record wheel measurements.

Inspect wheels for defects.

Following are condemning conditions involving wheels. Report any defective condition found to your supervisor regardless of severily.

Flat spots	A single flat spot that is 2-1/2 inches or more in length, or two adjoining spots that are each two or more inches in length.
Gouge or chip in the flange	Gouge or chip that is more than 1-1/2 inches in length and 1/2 inch in width.
Broken rim	If the tread, measured from the flange at a point 5/8 of an inch above the tread, is less than 3-3/4 inches in width.
Shelling	A shelled-out spot 2-1/2 inches or more in length, or two adjoining spots that are each two or more inches in length.
Seam running lengthwise	A seam running lengthwise that is within 3-3/4 inches of the flange.
Tread worn hollow	A tread worn hollow 5/16 of an inch or more.
Crack or break	A crack or break in the flange, tread, rim, plate, or hub.
Loose wheel	Any indication the wheel may be loose. Look for rust where the axle contacts the hub.

Remove old torque seal and apply fresh torque seal extending from wheel hub to outside axle face.

Record wheel measurements.

	Flange Ht.	Flange Th.	Rim Th
Go-No-Go Gauge	Max. 1-1/2"	Min. 1"	Min. 1"
Finger Gauge Readings	24	8	16
Wheel No.1	18	2	30
Wheel No.2	18	2	30
Wheel No. 3	18	3	31
Wheel No. 4	_18	2	31
Wheel No. 5	_18	2	30
Wheel No. 6	18	2	30
Wheel No. 7	18	7	29
VVheel No. 8	18	7	28
Notify Supervisor if rea		ese points: Flange Th.	Rim Th.

22

5

Serial Number

00434
00431
00318
00317
00538
Action Taken:
00537
Wheels Trued
anged Wheels
Cooling
Tryisor

car re3

Completed by:

18

Task ID Description

C-C 105 SRT-30" Inspect tread and disc brake units, record disc measurements.

Inspect tread brake units and brake shoes.

Inspect for loose or missing hardware. Lubricate the hanger and brake head bolts, Lubricant Tread brake reservoir of the body is to be filled with lithium molybdenum disulfide-bas grease (WABCO M-7672-01).

Inspect disc brake units and check fluid level.

Inspect for loose or missing hardware and signs of rust. Air leaks at disc brake unit must be corrected. With the brakes released, check for any apparent brake fluid leaks around the disc brake unit reservoir castings.

Check disc brake fluid level:

- a) Insert a bar or lever between the tongs and retract the piston push rod all the way back. Block in this position.
- b) Remove dirt and completely clean top cover before removing.
- c) Loosen four bolts and remove the top cover, being careful not to contaminate the fluid with foreign material.
- d) If the screen can be seen above the fluid level, add clean Dow Corning Silicone Brake Fluid No. Q2-1141, from a clean container so the fluid level is 1/4 inch below the top of the reservoir.

Disc Brake Fluid Added:

Yes

No

NOTE:

If fluid is added more than twice a year, the actuator is malfunctioning and requires replacement.

Lubricate swivel pin and bushing with lithium molybdenum disulfide-base grease (WABCO M-7672-1). Use a grease gun on the swivel bracket grease fitting.

Inspect and record brake disc measurements.

Renew disc:

- a) if surface cracks are more than 2-1/2 inches long (either side) or are within 3/8 in of the outer edge.
- b) if the disc shows any score marks or there are any protrusions.
- c) if there are nicks on the outer edge of the disc longer than 3/4 inch wide radially. °
- d) if there are cracks in the hub.

Ensure the bolts securing the disc are not loose, broken or missing and the locking tabs are in place and properly bent to prevent movement of the bolt. Cracks in the torque seal may indicate bolt movement.

Renew disc if the thickness of the disc (face to face) is less than 3.34 inches thick, or if the thickness of an individual face is less than .665 in.

Remove old lorque seal and apply fresh torque seal to each bolt that extends from bolt head to disc hub.

Take three (3) measurements approximately 120 degrees apart and 2-1/2" in from the disc edge.

Completed by:

ask ID	Description		//	i Associated	-7
	COSCHIPTION.	NE			_
C 105		Record Brake Disc Measurements			
RT-30"	Disc Wheel 1	Axle Serial No	у.	V	50
	Measurements	1st 2nd 3rd	Coolle	est Value Disc R	Renewed
	6 1 1 1 14/11 71/1		Silialis	os Value DISC N	renewed
	Outside Wall Thickness	808 798 827		70	
	Inside Wall Thickness	813 790 795	34	90 Yes -	(No
	Face-to-Face	3475 3454 3419	5 37	39	
	Disc Wireel 2	Axle Serial No. 015			
	Measurements				
		1st 2nd 3rd	Smalle	est Value Disc R	Renewed
	Outside Wall Thickness				
	Inside Wall Thickness	815 823 855	- CT 10	b Vac	10-
	Face-to-Face	3553 3533 350		7es	. 60
	1 000 10 1 000	33,73 3),73 27	1- 1-)	33	
	Disc Wheel 3	Axle Serial NoO68			
	Measurements				
		1st 2nd 3rd	Smalle	est Value Disc R	Renewed
	Outside Wall Thickness			7 Disc iv	renewed
	Inside Wall Thickness	861 830 876	um .	6	
	Face-to-Face	787 810 865	= 18	Yes	No
	accitor acc	3574 3570 359		70	
	Disc Wheel 4	Axle Serial No. 068		ě.	
	Measurements	7 000 000 000			
	Medadiementa	44 01 01			
		1st 2nd 3rd		est Value Disc R	enewed
	Outside Wall Thickness	893 877 863	86.	3	
	Inside Wall Thickness	838 851 888	= 8	38 Yes	No
	Face-to-Face	3651 3661 365	4 36	.51	
		~ 0.0			
	Disc Wheel 5	Axle Serial No. 079			
	Measurements				
		1st 2nd 3rd	Smalle	est Value Disc R	enewed
	Outside Wall Thickness	855 846 851	84	6	
	Inside Wall Thickness	837 844 846	= 83	7 Yes	(Io)
	Face-to-Face	3573 3557 35 9	4 353	57	
		Axle Serial No.	2 13 13 15 16 16 16 16 16 16 16 16 16 16 16 16 16	AND THE SHARE OF THE SECOND	7 - De 7 - 1400 :
	Disc Wheel 6	Axle Serial No.			
	Measurements	464 70000 7000	W/007-44720		
		1st 2nd 3rd	Smalles	st Value Disc Re	enewed
	Outside Wall Thickness	830 827 822	82	2	
	Inside Wall Thickness	831 815 857	= 815	Yes	No
	Face-to-Face	5545 3510 352	350	111	

<u>Task ID</u> C-C 105	Description Disc Wheel 7	Axle Serial No	040			Co	mpleted by:	
SRT-30"	Measurements					×		
		1st	2nd	3rd		Smallest Value	Disc R	enewed
	Outside Wall Thickness Inside Wall Thickness Face-to-Face	863 35%	808 847 3581	867 851 3587	200	808 847 3581	Yes	6
	Disc Wheel 8	Axle Serial No	040	evenom denne seuten	AUXY SECTION	PORTED STAMP OF STREET COST		estate de la constante de la c
	Measurements	1.						
		1st	2nd	3rd		Smallest Value	Disc R	enewed
	Outside Wall Thickness Inside Wall Thickness Face-to-Face	855 872 3585	838 892 3592	837 860 3632	tot.	837 860 3585	Yes	(NB)
C-C 137 SRT-10"	Inspect, test and lubri Inspect handbrake riggi Adjust cable slack, if re	ng for wear and free me	ovement. Lubri		pins.			
		Cab Car Inte	erior .					
CC-C 139	Inenect & test air cauce		31101				<u>C</u>	
SRT-10"	Inspect & test air gauges. Equalizing and brake pipe pressure within 3 lbs. Ensure equalizing reservoir needle and brake pipe needle are within 3 lbs. of each other increase and decrease equalizing reservoir pressure and note brake pipe pressure responds. Test air brake gauges. Verify accuracy of each needle (4) using a CO2 tester at 100 lbs. of pressure.					N	1	
	Test air brake-safety co Check operation of 26B	ntrols-warning d automatic brake valve	evices-cont it functions as ir	roller. ntended in all posit	ions.			
CC-C 141	Check ATS-Inspect/dov	vnload event reco	rder.			N	Δ	
3RT-30"	Verify ATS receiver is properly secured and the washboards are aligned. Perform a slap test. Perform ATS test and complete form SMP 8. Inspect, download, reset time & seal event recorder.							
C-C 142	Test and record Db lev	el of upper & low	er horns &	test bell.		'n	A	
GRT-20"	For Cab Cars operating calibration, position mete top of rail 4 ft. for the low Adjust horn to produce a Minimum sound level of Sign and attach sound le	in the "LEAD" position, er 100 ft. forward of loce wer horn and 15 ft. for the sound level of 100 dB 96db(A) and a maximum	use a sound levelenotive with micro ne upper horn. (A). n of 110dB(A) i	vel meter, within 1 crophone positions	ed above			

CC-C 148 SRT-15"	Stencil PM date on handbrake, Complete FRA Blue Card,	NA	-
9171-19	Manager and the second of the	Λ.	
CC-C 149 SRT-5"	Test operation of Cab area floor heater. Verify condition of reset button and functionality	NA	
	Restroom	1 0	<u> </u>
C-C 153	Renew coalescent - particulate and water cooler filters.		
SRT-20"	Remove and clean threaded polycarbonate bowl and renew coalescent and particulate filter elements.	-0	
	Close valve to isolate water cooler from supply tank. Depress valve until water flow ceases. Disassemble threaded body of filter shell and replace cartridge.		
	Review & resolve all outstanding defects.		
	Review SMP 129, SMP 100 and outstanding defect reports. All defects recorded and those found during inspection must be corrected before car or cab car is released for service.	0	
	NOTE: All defects must be corrected before releasing vehicle for service	e.	
	Supervisor Reviewing Work Order:		1 (
	Work Order Finished:		Supervisor 12 14
	Manager Reviewing Work Order:		Managér
	Work Order Closed:	[1]	15/14

Description

Task ID

Completed by: