



# Bay Area Rapid Transit Maximo - Material Maintenance System



\* 1 8 5 8 9 0 6 3 \*

Record as-left preload measurements for all eight doors on the WO Specifications Tab  
(if post any adjustments are made they should be noted as line item on D&C Sheet)

18589063: Check and Record Side Doors Preload at PM

Asset: 1599  
Year:

B2 REVENUE CAR

Location: ODY  
Manufacturer:

Operations Daily City Yard

Status: OPERATING  
Type: B2CAR

CI:

Sched Start:	8/8/21
Sched Finish:	8/8/21
Target Start:	8/1/21
Target Finish:	8/1/21
Actual Start:	8/10/21
Actual Finish:	8/10/21
Report Date:	8/1/21
Reported By:	MAXADMIN

Site:	BART
Priority:	9
Work Type:	PM
Status:	REVIEWCOMP
Parent:	18589058
GL Account:	BARTD-0030-680010-0803634
Project ID:	
PS Activity:	
Warranty Situation Present?	
Component:	02-06
Position:	
Reason for Repair:	MAINT07

Job Plan:	7617769
Supervisor:	
Lead:	
Owner:	
Owner Group:	
Service:	
Service Group:	
Classification:	65535
Work Accomplished:	06
Part Failure:	00

Specification	Attribute	Description	ALN Value	Numeric Value	Unit of Measure
D. DOOR 1 PRELOAD	- AS LEFT	Measured door preload in inches		0.035	INH
E. DOOR 3 PRELOAD	- AS LEFT	Measured door preload in inches		0.035	INH
F. DOORS 1/3	MATING RUBBER SEALS	Mating rubber seals temperature in degrees F		66	
J. DOOR 2 PRELOAD	- AS LEFT	Measured door preload in inches		0.035	INH
K. DOOR 4 PRELOAD	- AS LEFT	Measured door preload in inches		0.035	INH
L. DOORS 2/4	MATING RUBBER SEALS	Mating rubber seals temperature in degrees F		65	
P. DOOR 5 PRELOAD	- AS LEFT	Measured door preload in inches		0.03	INH
Q. DOOR 7 PRELOAD	- AS LEFT	Measured door preload in inches		0.035	INH



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Record as-left preload measurements for all eight doors on the WO Specifications Tab  
(if post any adjustments are made they should be noted as line item on D&C Sheet)

18589063: Check and Record Side Doors Preload at PM

Specification	Attribute	Description	ALN Value	Numeric Value	Unit of Measure
R. DOORS 5/7 MATING RUBBER SEALS TEMPERATURE		Mating rubber seals temperature in degrees F	66		
V. DOOR 6 PRELOAD - AS LEFT		Measured door preload in inches		0.027	INH
W. DOOR 8 PRELOAD - AS LEFT		Measured door preload in inches		0.027	INH
X. DOORS 6/8 MATING RUBBER SEALS TEMPERATURE		Mating rubber seals temperature in degrees F	65		

Task ID	Description	Status	Component	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty?
10	completed measurements	REVIEWCOMP						

Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty?	Contract Num	Regular Hours	Premium Hours	Line Cost
MA830				02-06		MAINT07	06	00	N		01:00	00:00	43.92
Total Actual Labor:											43.92		

Log	Date	Class	Created By	Subject	Description	Long Description
	8/10/21	WORKORDER			completed measurements	



18688224	BROKEN COLLECTOR PADDLE	1599 (1)	2	CM	RSS-ODY	B2CAR	8/26/21 4:26 PM
18611132	MD-829, Installation of Updated BART System Maps In Legacy Cars	1599 (1)	4	CM	RSS-ODY	B2CAR	8/5/21 9:24 AM
18589088	Video Surveillance System (VSS) Functional Check	1599 (1)	9	PM	RSS-ODY	B2CAR	8/1/21 1:27 AM
18589079	RETURN TO REVENUE	1599 (1)	9	PM	RSS-ODY	B2CAR	8/1/21 1:27 AM
18589073	PM Corrective Repairs	1599 (1)	9	CM	RSS-ODY	B2CAR	8/1/21 1:27 AM
18589068	Hostling Panel YM-signal and Brake Signal Tests	1599 (1)	9	PM	RSS-ODY	B2CAR	8/1/21 1:27 AM
18589063	Check and Record Side Doors Preload at PM	1599 (1)	9	PM	RSS-ODY	B2CAR	8/1/21 1:27 AM
18589060	RAIL CAR THOROUGH INTERIOR CLEAN	1599 (1)	9	PM	RSS-ODY	B2CAR	8/1/21 1:27 AM
18589058	B2 PM-D	1599 (1)	9	PM	RSS-ODY	B2CAR	8/1/21 1:27 AM
18540229	CAR IS VERY HOT	1599 (1)	2	CM	RSS-ODY	B2CAR	7/18/21 3:18 PM
18540772	Legacy Unscheduled Shopped Revenue Vehicle Required Maintenance Checks	1599 (1)	2	CM	RSS-ODY	B2CAR	7/18/21 3:18 PM
18486293	PROPULSION AIR SUPPLY	1599 (1)	4	CM	RSS-ODY	B2CAR	7/3/21 8:31 AM
18494776	Legacy Unscheduled Shopped Revenue Vehicle Required Maintenance Checks	1599 (1)	2	CM	RSS-ODY	B2CAR	7/3/21 8:31 AM
18464641	MD-828, Passenger Avar DVR Hard Drive Format	1599 (1)	9	CM	RSS-ODY	B2CAR	6/30/21 5:21 PM
18421954	MD-827, Removal of Social Distancing Decals - Legacy Cars	1599 (1)	4	CM	RSS-ODY	B2CAR	6/18/21 6:04 PM
18271705	Revenue Car Blowdown	1599 (1)	9	PM	RSS-ODY	B2CAR	5/11/21 2:03 PM
18258077	BROKEN COLLECTOR PADDLE	1599 (1)	2	CM	RSS-ODY	B2CAR	5/6/21 1:20 PM
18257144	MD-825, Replace A2 B2 HVAC MERV 8 Air Filters with MERV 14 Air Filters	1599 (1)	9	CM	RSS-ODY	B2CAR	5/6/21 11:30 AM
18243239	Video Surveillance System (VSS) Functional Check	1599 (1)	9	PM	RSS-ODY	B2CAR	5/2/21 12:24 AM
18243236	RETURN TO REVENUE	1599 (1)	9	PM	RSS-ODY	B2CAR	5/2/21 12:24 AM



**Bay Area Rapid Transit  
Maximo - Material Maintenance System**

**180 Day Car History Report**

REPORTDA	Car Number	Description	Problem Code	Problem Description	Component	Reason for Repair	Work Accompl	Log Description	Log Detail
	1599	B2 REVENUE CAR							
Report Date	Work Order	Work Order Description	Problem Code	Problem Description	Component	Reason for Repair	Work Accompl	Log Description	Log Detail
8/26/21	18688224	BROKEN COLLECTOR PADDLE	0506	BROKEN COLLECTOR PADDLE	07-28-178-01	MAINT01	03	INSTALLED #4 C/C PADDLE	
8/1/21	18589058	B2 PM-D	0100	OTHER CARBODY PROBLEM	RSS	MAINT07	PM	Completed MD-828 Completed PM-D	





# Bay Area Rapid Transit Maximo - Material Maintenance System

REPORTDA	Car Number	Description	Problem Code	Problem Description	Component	Reason for Repair	Work Accompl	Log Description	Log Detail
7/18/21	1599	B2 REVENUE CAR							
	18540229	CAR IS VERY HOT	0804	CAR IS VERY HOT	08-15	MAINT01	04	"Removed for damaged rcc"	Removed asset: 15078161 Removed asset description: HVAC UNIT,CENTER OF CAR(DOUBLE)A2/ B2 ADTRANZ#5D77A Serial No: 020110 Installed Asset: 15267624 Installed Serial : 470001 Installed asset description: HVAC UNIT,CENTER OF CAR(DOUBLE)A2/ B2 ADTRANZ#5D77A Position: 3_6
								"Removed for damaged rcc"	Removed asset: 15055316 Removed asset description: HVAC UNIT,SINGLE, END OF CAR,ADTRANZ #5D77431G01 Serial No: 390131 Installed Asset: 15035073 Installed Serial : 310020 Installed asset description: HVAC, SINGLE UNIT, END, A2 B2 CARS, UPGRADED PER VMB C5 B36. Position: 5
								no ground	Removed asset: 15452028 Removed asset description: A2/B2 SINGLE HVAC ASSEMBLY, UNIVERSAL. THIS IS A TOP LEVEL NUMBER TO GATHER ALL INTERCHANGEABLE Serial No: 000217 Installed Asset: 15036087 Installed Serial : 130067 Installed asset description: HVAC, SINGLE UNIT, END, A2 B2 CARS, UPGRADED PER VMB C5 B36. Position: 2
								r&r hvac # 1/4 for damaged rcc	Removed asset: 15011576 Removed asset description: HVAC UNIT,CENTER OF CAR(DOUBLE)A2/ B2 ADTRANZ#5D77A Serial No: 430022 Installed Asset: 15084605 Installed Serial : 010008 Installed asset description: HVAC UNIT,CENTER OF CAR(DOUBLE)A2/ B2 ADTRANZ#5D77A Position: 1_4
								R&R TCU AND ALL HVAC UNITS RAS 2 Faults AMS Faults	Removed asset: 15065658 Removed asset description: TEMPERATURE CONTROL, UNIT, A2/B2, ADTRANZ P/N 5D77433G01 (TCU) Serial No: 140102 Installed Asset: 15012924 Installed Serial : 070116 Installed asset description: TEMPERATURE CONTROL, UNIT, A2/B2, ADTRANZ P/N 5D77433G01 (TCU) Position: caused by apse problem on w.o. 18486293
								hvac failure	



# Bay Area Rapid Transit Maximo - Material Maintenance System

REPORTDA	Car Number	Description	Problem Code	Problem Description	Component	Reason for Repair	Work Accomp	Log Description	Log Detail
	1599	B2 REVENUE CAR							
7/3/21	18486293	PROPULSION AIR SUPPLY	0777	PROPULSION AIR SUPPLY	14-02-329-05	MAINT01	03	C8 Exploded per tvet	Removed asset: 12105012 Removed asset description: PANEL ASSEMBLY,CAPACITOR,APSE-A2/ B2, #5D77690G01 Serial No Removed: RO38 Serial No Installed: 061
5/6/21	18258077	BROKEN COLLECTOR PADDLE	0506	BROKEN COLLECTOR PADDLE	07-28-178-01	MAINT01	03	replaced capacitor assy and MOV . Air comp checks good	
5/2/21	18243227	B2 PM-C			01	MAINT07	PM	R&R BROKEN PADDLES	
								completed pm	





# Bay Area Rapid Transit Maximo - Material Maintenance System



\* 1 8 5 8 9 0 5 8 \*

18589058: B2 PM-D

Click on the paperclip in the upper right corner of the WO to view the A2/B2 car PM Requirements Task Matrix.

Asset: 1599 B2 REVENUE CAR  
Year:

Location: ODY Operations Daily City Yard  
Manufacturer:

Status: OPERATING  
Type: B2CAR

Ci:

Sched Start:	8/9/21
Sched Finish:	8/9/21
Target Start:	8/12/21
Target Finish:	8/13/21
Actual Start:	8/10/21
Actual Finish:	8/10/21
Report Date:	8/11/21
Reported By:	MAXADMIN

Site:	BART
Priority:	9
Work Type:	PM
Status:	REVIEWCOMP
Parent:	
GL Account:	BARTD-0030-680010-0803634
Project ID:	
PS Activity:	
Warranty Situation Present?	N
Component:	RSS
Position:	
Reason for Repair:	MAINT07

Job Plan:	101680
Supervisor:	
Lead:	
Owner:	
Owner Group:	
Service:	
Service Group:	
Classification:	PM
Work Accomplished:	PM
Part Failure:	00

### Planned Labor

Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty?	Qty	Hours	Rate	Line Cost
	000035								N	1	04:10	0.00	0.00
	MA835								N	1	03:55	57.32	224.50
	MA830								N	3	06:50	43.92	768.60
	MA825								N	1	03:55	43.67	171.04
<b>Total Planned Labor:</b>											171.04	1164.14	

### Actual Labor

Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty?	Contract Num	Regular Hours	Premium Hours	Line Cost
	MA825			RSS		MAINT07	PM	00	N		05:00	00:00	218.35
	000035			RSS		MAINT07	PM	00	N		07:30	00:00	0.00
	MA830			RSS		MAINT07	PM	00	N		07:00	00:00	307.44
	MA830			RSS		MAINT07	PM	00	N		07:00	00:00	307.44
	MA830			RSS		MAINT07	PM	00	N		07:00	00:00	307.44
	MA835			RSS		MAINT07	PM	00	N		07:00	00:00	401.24
	MA830			RSS		MAINT07	PM	00	N		06:00	00:00	263.52
<b>Total Actual Labor:</b>											1805.43		



# Bay Area Rapid Transit

## Maximo - Material Maintenance System



\* 1 8 5 8 9 0 5 8 \*

Click on the paperclip in the upper right corner of the WD to view the A2/B2 car PM Requirements Task Matrix.

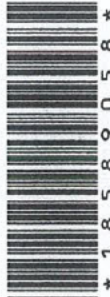
18589056: B2 PM-D

Log	Date	Class	Created By	Subject	Description	Long Description
	8/10/21	WORKORDER	[REDACTED]		Completed MD-828	
	8/10/21	WORKORDER	[REDACTED]		Completed PM-D	





# Bay Area Rapid Transit Maximo - Material Maintenance System



\* 1 8 5 8 9 0 5 8 \*

18589058: B2 PM-D

Click on the paperclip in the upper right corner of the WO to view the A2/B2 car PM Requirements Task Matrix.

Asset: 1599  
Year:

B2 REVENUE CAR

Location: ODY  
Manufacturer:

Operations Daily City Yard

Status: OPERATING  
Type: B2CAR

CI:

Sched Start:	8/8/21
Sched Finish:	8/8/21
Target Start:	8/12/21
Target Finish:	8/13/21
Actual Start:	8/10/21
Actual Finish:	8/10/21
Report Date:	8/1/21
Reported By:	MAXADMIN

Site:	BART
Priority:	9
Work Type:	PM
Status:	REVIEWCOMP
Parent:	
GL Account:	BARTD-0030-680010-0803634
Project ID:	
PS Activity:	
Warranty Situation Present?	N
Component:	RSS
Position:	
Reason for Repair:	MAINT07

Job Plan:	101680
Supervisor:	
Lead:	
Owner:	
Owner Group:	
Service:	
Service Group:	
Classification:	
Work Accomplished:	PM
Part Failure:	00

### Planned Labor

Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty?	Qty	Hours	Rate	Line Cost
	000035								N	1	04:10	0.00	0.00
	MA835								N	1	03:55	57.32	224.50
	MA830								N	3	05:50	43.92	768.60
	MA825								N	1	03:55	43.67	171.04
Total Planned Labor:											1164.14		

### Actual Labor

Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty?	Contract Num	Regular Hours	Premium Hours	Line Cost
	MA825			RSS		MAINT07	PM	00	N		05:00	00:00	218.35
	000035			RSS		MAINT07	PM	00	N		07:30	00:00	0.00
	MA830			RSS		MAINT07	PM	00	N		07:00	00:00	307.44
	MA830			RSS		MAINT07	PM	00	N		07:00	00:00	307.44
	MA830			RSS		MAINT07	PM	00	N		07:00	00:00	307.44
	MA835			RSS		MAINT07	PM	00	N		07:00	00:00	401.24
	MA830			RSS		MAINT07	PM	00	N		06:00	00:00	263.52
Total Actual Labor:											1805.43		



# Bay Area Rapid Transit Maximo - Material Maintenance System



18589058: B2 PM-D

\* 1 8 5 8 9 0 5 8 \*

Click on the paperclip in the upper right corner of the WO to view the A2/B2 car PM Requirements Task Matrix.

Log	Date	Class	Created By	Subject	Description	Long Description
	8/10/21	WORKORDER	[REDACTED]		Completed MD-828	
	8/10/21	WORKORDER			Completed PM-D	





# Bay Area Rapid Transit Maximo - Material Maintenance System



18589058: B2 PM-D

Click on the paperclip in the upper right corner of the WO to view the A2/B2 car PM Requirements Task Matrix.

Asset: 1599 B2 REVENUE CAR  
Year:

Location: ODY  
Manufacturer:

Operations Daily City Yard

Status: OPERATING  
Type: B2CAR

CI:

Sched Start:	8/8/21
Sched Finish:	8/8/21
Target Start:	8/12/21
Target Finish:	8/13/21
Actual Start:	8/10/21
Actual Finish:	8/10/21
Report Date:	8/11/21
Reported By:	MAXADMIN

Site:	BART
Priority:	9
Work Type:	PM
Status:	REVIEWCOMP
Parent:	
GL Account:	BARTD-0030-680010-0803634
Project ID:	
PS Activity:	
Warranty Situation Present?	N
Component:	RSS
Position:	
Reason for Repair:	MAINT07

Job Plan:	101680
Supervisor:	
Lead:	
Owner:	
Owner Group:	
Service:	
Service Group:	
Classification:	
Work Accomplished:	PM
Part Failure:	00

### Planned Labor

Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty?	Qty	Hours	Rate	Line Cost
000035									N	1	04:10	0.00	0.00
MA835									N	1	03:55	57.32	224.50
MA830									N	3	05:50	43.92	768.60
MA825									N	1	03:55	43.67	171.04
<b>Total Planned Labor:</b>											1164.14		

### Actual Labor

Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty?	Contract Num	Regular Hours	Premium Hours	Line Cost
MA825				RSS		MAINT07	PM	00	N		05:00	00:00	218.35
000035				RSS		MAINT07	PM	00	N		07:30	00:00	0.00
MA830				RSS		MAINT07	PM	00	N		07:00	00:00	307.44
MA830				RSS		MAINT07	PM	00	N		07:00	00:00	307.44
MA830				RSS		MAINT07	PM	00	N		07:00	00:00	307.44
MA835				RSS		MAINT07	PM	00	N		07:00	00:00	401.24
MA830				RSS		MAINT07	PM	00	N		06:00	00:00	263.52
<b>Total Actual Labor:</b>											1805.43		



# Bay Area Rapid Transit

## Maximo - Material Maintenance System



\* 1 8 5 8 9 0 5 8 \*

Click on the paperclip in the upper right corner of the WO to view the A2/B2 car PM Requirements Task Matrix.

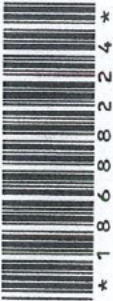
18589058: B2 PM-D

Log	Date	Class	Created By	Subject	Description	Long Description
	8/10/21	WORKORDER	[REDACTED]		Completed MD-828	
	8/10/21	WORKORDER	[REDACTED]		Completed PM-D	





# Bay Area Rapid Transit Maximo - Material Maintenance System



18688224: BROKEN COLLECTOR PADDLE

T18 REPORTS #4 BROKEN COLLECTOR PADDLE.

Asset: 1599 B2 REVENUE CAR  
Year:

Location: ODY Operations Daily City Yard  
Manufacturer:

Status: OPERATING  
Type: B2CAR

CI:

Sched Start:	
Sched Finish:	
Target Start:	
Target Finish:	
Actual Start:	8/27/21
Actual Finish:	8/27/21
Report Date:	8/26/21
Reported By:	

Site:	BART
Priority:	2
Work Type:	CM
Status:	COMPRELEASE
Parent:	
GL Account:	BARTD-0030-680010-0803634
Project ID:	
PS Activity:	
Warranty Situation Present?	
Component:	07-28-178-01
Position:	
Reason for Repair:	MAINT01

Job Plan:	
Supervisor:	
Lead:	
Owner:	
Owner Group:	
Service:	
Service Group:	
Classification:	03
Work Accomplished:	03
Part Failure:	46

Multi-Asset/Location/CI	Asset	Description	Location	Description	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty?	Contract Num	Regular Hours	Premium Hours	Line Cost
	0359	C1 REVENUE CAR	ODY	Operations Daily City Yard							01:00	00:00	43.92
	1501	B2 REVENUE CAR	ODY	Operations Daily City Yard							01:00	00:00	43.92
	1599	B2 REVENUE CAR	ODY	Operations Daily City Yard							01:00	00:00	43.92
	1508	B2 REVENUE CAR	ODY	Operations Daily City Yard							01:00	00:00	43.92
	1861	B2 REVENUE CAR	ODY	Operations Daily City Yard							01:00	00:00	43.92
	1507	B2 REVENUE CAR	ODY	Operations Daily City Yard							01:00	00:00	43.92
	1565	B2 REVENUE CAR	ODY	Operations Daily City Yard							01:00	00:00	43.92
	1899	B2 REVENUE CAR	ODY	Operations Daily City Yard							01:00	00:00	43.92
	1812	B2 REVENUE CAR	ODY	Operations Daily City Yard							01:00	00:00	43.92
	0356	C1 REVENUE CAR	ODY	Operations Daily City Yard							01:00	00:00	43.92

Task IDs	Task ID	Description	Status	Component	Reason for Repair	Work Accomplished	Part Failure	Warranty?	Contract Num	Regular Hours	Premium Hours	Line Cost
	10	#4 C/C PADDLE MISSING	COMPRELEASE		MAINT01			N		01:00	00:00	43.92

Actual Labor	Task ID	Craft	Skill Level	Labor	Reason for Repair	Work Accomplished	Part Failure	Warranty?	Contract Num	Regular Hours	Premium Hours	Line Cost
	MA830				MAINT01			N		01:00	00:00	43.92
	MA830				MAINT01			N		01:00	00:00	43.92



# Bay Area Rapid Transit Maximo - Material Maintenance System



\* 1 8 6 8 8 2 2 4 \*

T18 REPORTS #4 BROKEN COLLECTOR PADDLE.

18688224: BROKEN COLLECTOR PADDLE

**Actual Labor**

Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty?	Contract Num	Regular Hours	Premium Hours	Line Cost
											<b>Total Actual Labor:</b>	87.84	

**Log**

Date	Class	Created By	Subject	Description	Long Description
8/27/21	WORKORDER			INSTALLED #4 C/C PADDLE	



# B Car: PM D Checklist

Car No:

1599

Rev:8/20/20



Work Order No:

18589058

QTL Signoff:



Date Complete:

8-10-21

Grp	Seq No	Task Description	Process No	Proc Rev Date	Assigned To	Employee ID	D&C Req'd?
U	0020	RESISTOR BRAKE GRID CLEANING	VMB 2-106 PART A	05/20		[REDACTED]	
T	0030	REMOVE AXLE GROUND BRUSH COVERS AND GROUND BRUSHES	1-1 PART VIII	05/20		[REDACTED]	
T	0033	GROUND BRUSH AND GROUND BRUSH RING CHECK	3-17	02/16		[REDACTED]	
T	0035	INSTALL AXLE GROUND BRUSHES AND COVERS	3-17	02/16		[REDACTED]	
U	0040	REMOVE BATTERY BOX COVERS	NONE			[REDACTED]	
U	0050	REMOVE ALL HVAC BOX COVERS AND FILTERS	NONE			[REDACTED]	
U	0070	FRICTION BRAKE CALIPER CLEANING	1-1 PART XXVI	05/20		[REDACTED]	
U	0110	CLEAN GEAR UNIT INSPECTION COVERS	1-1 PART III	05/20		[REDACTED]	
U	0120	CLEAN BATTERY	1-1 PART IV.	05/20		[REDACTED]	
U	0140	BLOW OUT TRACTION MOTORS	1-1 PART VI	05/20		[REDACTED]	
U	0150	CLEAN PROPULSION INVERTER BOX	1-1 PART VII	05/20		[REDACTED]	
U	0160	CLEAN AXLE GROUND BRUSH BOXES	1-1 PART VIII	05/20		[REDACTED]	
U	0170	CLEAN WHEEL WITNESS MARKS	1-1 PART IX.	05/20		[REDACTED]	
U	0180	CLEAN EVAPORATOR BOX COILS, BOX AND DRAINS	1-1 PART X	05/20		[REDACTED]	
U	0190	CLEAN EQUIPMENT COVERS NUMBERS AND STRIPES	1-1 PART XII	05/20		[REDACTED]	
U	0210	CLEAN COLLECTOR ASSEMBLY BRACKETS	1-1 PART XIV.	05/20		[REDACTED]	

# B Car: PM D Checklist

Car No: 1599 [REDACTED]  
 QTL Signoff: \_\_\_\_\_

Rev: 8/20/20

Work Order No: 18589058  
 Date Complete: 8-10-21

Grp	Seq No	Task Description	Process No	Proc Rev Date	Assigned To	Employee ID	D&C Req'd?
U	0220	CLEAN AIR COMPRESSOR	1-1 PART XV	05/20		<span style="background-color: black; color: black;">[REDACTED]</span>	
U	0230	CLEAN ELECTRO-HYDRAULIC UNIT X AND Y	1-1 PART XVI	05/20		<span style="background-color: black; color: black;">[REDACTED]</span>	
U	0240	CLEAN AIR CONDITIONING CONDENSER COILS	1-1 PART XVII	05/20		<span style="background-color: black; color: black;">[REDACTED]</span>	
U	0250	CLEAN LINE SWITCH BOX	1-1 PART XVIII	05/20		<span style="background-color: black; color: black;">[REDACTED]</span>	
U	0265	Clean Car Interior	BOOK 429 VOLUME 4 CHAPTER 3 SECTION 2 SUBSECTION 2			<span style="background-color: black; color: black;">[REDACTED]</span>	
U	0270	CLEAN AIR RETURN GRILLS BEFORE CHANGING EVAPORATOR FILTERS	1-1 PART XX	05/20		<span style="background-color: black; color: black;">[REDACTED]</span>	
U	0280	END DOOR BUMPER CLEANING	1-1 PART XXIX	05/20		<span style="background-color: black; color: black;">[REDACTED]</span>	



# B Car: PM D Checklist

Car No: 1599 XXXXXXXXXX  
 QTL Signoff: \_\_\_\_\_

Rev: 8/20/20

Work Order No:

18589058

Date Complete:

8-10-21

Grp	Seq No	Task Description	Process No	Proc Rev Date	Assigned To	Employee ID	D&C Req'd?
Q	1010	WHEEL MEASUREMENTS AND CHECKS	3-10 PART II with VMB 3-101	02/18		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1020	WHEEL CHECKS	3-10 PART I	02/18		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1030	GENERAL UNDERCAR CHECKS	12-6	02/20		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	X
Q	1040	CHECK FOR GREASE, OIL, AIR LEAKS	12-4	03/12		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1050	TRACTION MOTOR CHECKS	3-20 PART I	12/18		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1060	AXLE ROLLER BEARING CHECKS	3-11 PART I	05/17		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1070	AXLE BEARING SLEEVES CHECKS	3-11 PART II	05/17		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1090	BRAKE DISC AND MOUNTING HARDWARE CHECKS	4-5	02/18		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1100	COUPLER CHECKS	8-1 PART I	02/20		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1110	COUPLER HEAD LEVEL CHECK	8-1 PART II	02/20		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1120	COUPLER AIR LEAKAGE TEST	8-1 PART III	02/20		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1140	CHECK CONDITION OF BUMPER SILL SHEAR MOUNTS	12-8	09/16		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1150	CHECK 5000 CUBIC INCH AIR SUSPENSION RESERVOIRS	3-14 PART I	02/16		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1160	CHECK 7000 CUBIC INCH MAIN AIR RESERVOIRS	3-14 PART II	02/16		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1190	SIDE DOOR OPERATION, CHATTERING, BINDING, OPEN/CLOSED TIMING CHECKS	10-14	07/17		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	
Q	1200	VERIFY DOORS PASS 3/4 INCH DIA. ROD RELEASE TEST	10-12	02/12		<span style="background-color: black; color: black;">XXXXXXXXXX</span>	

# B Car: PM D Checklist

Car No: 1599 [Redacted]

Rev: 8/20/20

Work Order No: 18589058

Date Complete: 8-18-21

Grp	Seq No	Task Description	Process No	Proc Rev Date	Assigned To	Employee ID	D&C Req'd?
Q	1210	CHECK CUTOUT AND MECHANICAL LOCK ASSEMBLY AND CREW SWITCH OPERATION	10-6	06/18		[Redacted]	
Q	1220	SIDE DOOR THRESHOLD AND GUIDE BLOCK CHECKS	10-13	01/19		[Redacted]	



# B Car: PM D Checklist

Car No: 1599 [REDACTED]  
 QTL Signoff: \_\_\_\_\_

Rev: 8/20/20

Work Order No:

18589058

Date Complete:

8-10-21

Grp	Seq No	Task Description	Process No	Proc Rev Date	Assigned To	Employee ID	D&C Req'd?
E	2010	CLEAN TEMPERATURE CONTROL UNIT	PROC 1-1, PART XXIII	05/20		[REDACTED]	
E	2015	RESISTOR BRAKE GRID CLEANING	VMB 2-106 PART B			[REDACTED]	
E	2020	CHECK RESISTOR GRIDS	2-8	12/18		[REDACTED]	
E	2030	ELECTRIC COUPLER CLEANING	8-4 PART I	11/18		[REDACTED]	
E	2040	ELECTRIC COUPLER CHECKS	8-4 PART II	11/18		[REDACTED]	
E	2120	CHECK ACMS CONTACTS	3-4 PART XVI.	06/17		[REDACTED]	
E	2130	CURRENT COLLECTOR FUSE CHECK	3-1 PART II	06/21		[REDACTED]	
E	2190	CHECK APSE LINE SWITCH(LS)CONTACTOR AND CHECK OPERATION OF APSE INTERNAL FAN	6-1	01/20		[REDACTED]	
E	2200	BATTERY CHARGER OUTPUT VOLTAGE CHECK	6-3	08/13		[REDACTED]	
E	2210	CHECK EHUSX AND EHUSY MOTOR STARTER CONTACTS	6-6	07/08		[REDACTED]	
E	2220	EMERGENCY LIGHTING TIMER CIRCUIT CHECK	7-2	05/12		[REDACTED]	
E	2230	CHECK A2 X-end /B2 car electric horns	9-5	03/15		[REDACTED]	13

# B Car: PM D Checklist

Car No: 1599 [REDACTED]  
 QTL Signoff: \_\_\_\_\_

Rev: 8/20/20

Work Order No:

18589058

Date Complete:

8-10-21

Grp	Seq No	Task Description	Process No	Proc Rev Date	Assigned To	Employee ID	D&C Req'd?
E	2240	VEHICLE INTERIOR/EXTERIOR LIGHTING CHECKS	7-1	07/20		<span style="background-color: black; color: black;">[REDACTED]</span>	21
E	2270	CHECK VIDEO CAMERA SYSTEM OPERATION.	VMB 15-52			<span style="background-color: black; color: black;">[REDACTED]</span>	
E	2290	CHECK PROPULSION/FIMS LOGIC EVENT LOGGER	2-14	09/13		<span style="background-color: black; color: black;">[REDACTED]</span>	
E	2300	VERIFY WHEEL DIAMETER IN PROPULSION LOGIC	2-15	05/12		<span style="background-color: black; color: black;">[REDACTED]</span>	
E	2310	CHECK INTERCOM SYSTEM OPERATION	9-1	04/16		<span style="background-color: black; color: black;">[REDACTED]</span>	
E	2320	CHECK PUBLIC ADDRESS SYSTEM OPERATION	9-2	04/16		<span style="background-color: black; color: black;">[REDACTED]</span>	
E	2380	DOWNLOAD DDU DATA	10-20	03/17		<span style="background-color: black; color: black;">[REDACTED]</span>	
E	2400	CHECK APSE EVENT FAULTS	6-4	01/20		<span style="background-color: black; color: black;">[REDACTED]</span>	
E	2430	CHECK HOSTLING PANEL YM-SIGNAL AND BRAKE SIGNALS.	13-7	05/12		<span style="background-color: black; color: black;">[REDACTED]</span>	19
E	2480	HVAC System Check (Electrical)	5-2 III, Except B1 & 8	07/13		<span style="background-color: black; color: black;">[REDACTED]</span>	



# B Car: PM D Checklist

Car No: 1599 [REDACTED]  
 QTL Signoff: \_\_\_\_\_

Rev: 8/20/20

Work Order No: 18589058  
 Date Complete: 8-10-21

Grp	Seq No	Task Description	Process No	Proc Rev Date	Assigned To	Employee ID	D&C Req'd?
T1	3200	DRAIN MOISTURE FROM AIR RESERVOIR TANKS AND FILTER BOWL ASSEMBLY	3-19	06/15	7	[REDACTED]	
T1	3210	AIR COMPRESSOR OIL CHANGE	3-4 PART IV	06/17		[REDACTED]	
T1	3220	AIR COMPRESSOR SUCTION FILTER CHANGE	3-4 PART V	06/17		[REDACTED]	
T1	3230	AIR COMPRESSOR AIR DRIER FINAL FILTER CHANGE	3-4 PART VI	06/17		[REDACTED]	
T1	3240	AIR COMPRESSOR V-BELT CHECK CONDITION	3-4 PART VII	06/17		[REDACTED]	
T1	3250	AIR COMPRESSOR - CHECK PRESURE SWITCH SETTINGS	3-4 PART VIII	06/17		[REDACTED]	
T1	3260	AIR COMPRESSOR CHECK PURGE VALVE OPERATION	3-4 PART IX	06/17		[REDACTED]	
T1	3270	AIR COMPRESSOR - REPLACE PRESSURE RELIEF VALVE	3-4 PART X	06/17	W	[REDACTED]	
T1	3280	AIR COMPRESSOR RENEW DESICCANT CHARGE	3-4 PART XI	06/17		[REDACTED]	
T1	3290	AIR SUSPENSION CONTROL PANEL TEST	3-21	06/19		[REDACTED]	
T1	3300	LEVELING VALVE CHECKS	3-23 PART I	05/12		[REDACTED]	
T1	3320	CAR HEIGHT MEASUREMENT CHECK	3-15	12/20		[REDACTED]	
T1	3350	CHECK FOR LOOSE TACHOMETER RINGS	3-2	06/11		[REDACTED]	
T1	3360	CHECK CURRENT COLLECTOR ASSEMBLY PARTS FOR CRACKS AND PADDLE WEAR LIMITS	3-1 PART I	06/21		[REDACTED]	X
T1	3370	CURRENT COLLECTOR HEIGHT CHECK AND ADJUSTMENT	3-1 PART III	06/21		[REDACTED]	
T1	3390	CHECK HORIZONTAL AND VERTICAL SHOCK ABSORBERS	3-6	06/11		[REDACTED]	

# B Car: PM D Checklist

Car No: 1599

Rev: 8/20/20

Work Order No:

18589058

QTL Signoff: [REDACTED]

Date Complete:

8-1-21

Grp	Seq No	Task Description	Process No	Proc Rev Date	Assigned To	Employee ID	D&C Req'd?
T1	3400	BRAKE LINING WEAR CHECK	4-6	10/15	↖		
T1	3410	BRAKE CALIPER SLIDING SHAFT BORE AND HOLE ELONGATION CHECKS	4-7 PART I	06/11	↕		
T1	3420	BRAKE CALIPER CHECK	4-7 PART II	06/11	↕		
T1	3430	CALIPER PIN/CROSSOVER PIN AND BUSHING WEAR CHECKS (WHEN PADS CHANGED)	4-7 PART III	06/11	↕		
T1	3440	BRAKE CALIPER MOUNTING BRACKET CHECKS	4-7 PART IV	06/11	↕		
T1	3450	BRAKE CALIPER LUBRICATION	4-8	10/19	↘		



# B Car: PM D Checklist

Car No: 1599 [REDACTED]  
 QTL Signoff: \_\_\_\_\_

Rev: 8/20/20

Work Order No:

18589058

Date Complete:

8-10-21

Grp	Seq No	Task Description	Process No	Proc Rev Date	Assigned To	Employee ID	D&C Req'd?	
T2	3670	CLEAN RETURN AIR SENSORS	✓ 1-1 PART XXI	05/20	DM	[REDACTED]		
T2	3680	LUBRICATION OF EXTERIOR CREW SWITCHES	✓ 10-17	09/06	↓	[REDACTED]		
T2	3690	SIDE DOOR SUSPENSION RAIL CLEANING AND LUBRICATION	✓ 10-11	06/11		[REDACTED]		
T2	3710	DOOR OPERATOR MECHANICAL LINKAGE LUBRICATION	10-19	05/09		[REDACTED]		
T2	3715	SIDE DOOR THRESHOLD CLEANING	✓ 1-1 PART XXVIII	05/20		[REDACTED]		
T2	3720	CHECK PRELOAD ON SIDE DOORS	10-21	07/18		[REDACTED]		
T2	3730	VEHICLE INTERIOR CHECKS FOR ESSENTIAL DECALS	✓ 12-16	06/19		[REDACTED]		
T2	3760	CHECK SUPPLY OF THIS DOOR NOT WORKING DECAL	✓ 10-8	06/11		[REDACTED]		
T2	3780	CHECK FOR EMERGENCY PLANK	✓ 12-2	05/16		[REDACTED]		
T2	3790	CHECK FIRE EXTINGUISHER TAG DATE	✓ 12-2	05/16		[REDACTED]		
T2	3810	CHECK HANDHOLD AND ACCESS STEP	✓ 12-2	05/16		[REDACTED]		
T2	3820	HAND RAIL AND HAND STRAPS CHECKS	✓ 12-9 PART I	03/20		[REDACTED]		
T2	3821	Overhead Handrail Checks	✓ 12-9 PART III	03/20		[REDACTED]		
T2	3822	Bicycle Straps Check	✓ 12-9 PART IV	03/20		[REDACTED]		
T2	3823	HANDRAIL VERTICAL STANCHION CHECK	✓ 12-9 PART II	03/20		[REDACTED]		
T2	3825	Passenger Seating Checks	12-13	09/18		✓	[REDACTED]	

# B Car: PM D Checklist

Car No: 1599 [REDACTED]  
 QTL Signoff: \_\_\_\_\_

Rev: 8/20/20      Work Order No: 18589058  
 Date Complete: 8-10-21

Grp	Seq No	Task Description	Process No	Proc Rev Date	Assigned To	Employee ID	D&C Req'd?
T2	3830	UNSAFE CAR INTERIOR HAZARDS	✓ 12-3	07/18		[REDACTED]	
T2	3840	END DOOR OPERATION CHECK	✓ 10-10	07/17			
T2	3850	END DOOR LUBRICATION	✓ 10-15	02/20			
T2	3860	INTERCAR BARRIER CHECK	✓ 12-19	02/13			



# B Car: PM D Checklist

Car No: 1599 [REDACTED]  
 QTL Signoff: \_\_\_\_\_

Rev: 8/20/20

Work Order No:

18589058

Date Complete:

8-12-21

Grp	Seq No	Task Description	Process No	Proc Rev Date	Assigned To	Employee ID	D&C Req'd?
T3	3070	X-END: CLEAN RUST FROM COUPLER FACE AND MAIN PIN	8-1 PART I, C	02/20	[REDACTED]	[REDACTED]	
T3	3090	X-END: COUPLER, FUNNEL AND GUIDE PIN LUBRICATION	8-3 III G	07/20	[REDACTED]	[REDACTED]	
T3	3100	X-END: COUPLER ANCHOR PIN, YOKE AND HEAD BOLT LUBRICATION	8-3 III C & D	07/20	[REDACTED]	[REDACTED]	
T3	3160	Y-END: CLEAN RUST FROM COUPLER FACE AND MAIN PIN	8-1 PART I, C	02/20	[REDACTED]	[REDACTED]	
T3	3180	Y-END: COUPLER, FUNNEL AND GUIDE PIN LUBRICATION	8-3 III G	07/20	[REDACTED]	[REDACTED]	
T3	3190	Y-END: COUPLER ANCHOR PIN, YOKE AND HEAD BOLT LUBRICATION	8-3 III C & D	07/20	[REDACTED]	[REDACTED]	
T3	3460	CHECK GEAR UNIT OIL	3-16 PART I	02/16	[REDACTED]	[REDACTED]	
T3	3490	MOTOR/GEAR UNIT COUPLING LUBRICATION CHECK	3-18	06/11	[REDACTED]	[REDACTED]	
T3	3520	CHECK CONDITION OF EQUIPMENT COVER LATCHES	12-5	04/15	[REDACTED]	[REDACTED]	
T3	3530	BATTERY CHECKS	6-5	07/21	[REDACTED]	[REDACTED]	
T3	3540	INSTALL BATTERY BOX COVERS	NONE		[REDACTED]	[REDACTED]	
T3	3550	EVAPORATOR INLET FILTER REPLACE	5-1	12/19	[REDACTED]	[REDACTED]	
T3	3560	INSTALL ALL HVAC COVERS	NONE		[REDACTED]	[REDACTED]	
T3	3585	RECORD THE VALUE OF THE ECU BACKPLANE BATTERY VOLTAGE	4-2-1 PART III-3	07/20	[REDACTED]	[REDACTED]	
T3	3880	HVAC SYSTEM CHECK	5-2, III B1 & 8	07/13	[REDACTED]	[REDACTED]	
T3	3890	Inspect HVAC duct for air leaks and repair as needed.	VMB Chapter 5, Bulletin 49		[REDACTED]	[REDACTED]	

# B Car: PM D Checklist

Car No: 1599 [Redacted]  
QTL Signoff: \_\_\_\_\_

Rev:8/20/20

Work Order No: 18589058  
Date Complete: 8-12-21

Grp	Seq No	Task Description	Process No	Proc Rev Date	Assigned To	Employee ID	D&C Req'd?
T3	3895	Moisture Indicator Check	5-3	05/19	[Redacted]	[Redacted]	



# B Car: PM D Checklist

Car No:

1599

Rev: 8/20/20

Work Order No:

18589058

QTL Signoff:

Date Complete:

8-10-21

Discrepancy and Corrective Action		
D&C Findings	Action Taken	Employee
1 #5 AXLE CAP safety wire is incorrect.	Replaced new	
2 #6 AXLE cap safety wire is incorrect.	checked and found good	
3 #7 AXLE cap safety wire is incorrect.	Replaced new	
4 #8 AXLE cap safety wire is incorrect.	checked and found good.	
5 #1 collector shield cracked.	REPLACED SHIELD	
6 #2 shunt frey.	Replaced	
7 #1 shunt frey.	REPLACED SHUNT	
8 #4 collector mounting bolt is loose.	tighten as needed & Replace ONE locking nut	
9 #3 shunt is freyed.	Replaced As needed.	
10 #3 brake caliper backing plate lower nail missing.	NAIL BROKE FLIPPED New one cannot be installed.	
11 #2 brake pads are low.	Replaced Brake Pads & Adjusted led lip	
12 #1 collector paddle worn at the neck.	REPAIRED AND ADJUSTED PADDLE	
13 Test Horn outside	Tested Horn while everyone clear from underneath	
14 X-EMD A/A on/off dial is not visible	cleaned up dial	
15 Y-EMD A/A on/off dial is not visible	cleaned up dial	

# B Car: PM D Checklist

Car No: 1599 [REDACTED]  
 QTL Signoff: \_\_\_\_\_

Rev: 8/20/20

Work Order No: 18589058  
 Date Complete: 8-12-21

Discrepancy and Corrective Action		
D&C	Findings	Action Taken
16	Battery on/off decal is not visible.	cleaned w decal.
17	#4.5 Door Exterior decal (pull to open) is not visible	cleaned w decal
18	AIR COMPRESSOR AIR PRESSURE GAUGE NEEDLE/INDICATOR BROKEN OFF.	Air Pressure gauge Replaced
19	X-end hostory panel out of spec. Run too high job too high.	R/R X-end hostory panel
20	#2 BRAKE CALIPER Antrattle clip Broken	Replaced Spring clip
21	2 threshold lights out 2 overhead lights out	R/R all bulbs
22		
23		
24		
25		
26		
27		
28		
29		
30		





# B Car: PM D Checklist

Car No: 1599 [REDACTED]  
QTL Signoff: \_\_\_\_\_

Rev: 8/20/20

Work Order No: 18589058  
Date Complete: 8-10-21

Discrepancy and Corrective Action			
D&C	Findings	Action Taken	Employee
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			

If more than 45 D&C entries are required, additional entries shall be entered as tasks on the PM Corrective WO.