



# Vehicle History

7/31/2020 to 7/31/2021



Labor Date	Unit	Meter at the time	Work Order	Total Hours	Proj #	Warranty YES/NO	Action: Description	Task: Description	Employee or Vendor Entered by	Labor Comments
7/8/21	03862	475800	<a href="#">462A-2021-183</a>	1.00		NO	No Action Code	Y-8M:TYPE 8 INSPECTION	CELIO, FRANK GENERIC MECHANIC	TYPE 8 INSPECTION BATTERIES
7/8/21	03862	475800	<a href="#">462A-2021-183</a>	8.00		NO	No Action Code	Y-8M:TYPE 8 INSPECTION	CONNOR, MICHAEL GENERIC MECHANIC	TYPE 8 INSPECTION
7/8/21	03862	475800	<a href="#">462A-2021-183</a>	8.00		NO	No Action Code	Y-8M:TYPE 8 INSPECTION	WARD, DANIEL GENERIC MECHANIC	TYPE 8 INSPECTION
4/13/21	03862	470748	<a href="#">462A-2021-101</a>	8.00		NO	30: INSPECTED	Y-8M:TYPE 8 INSPECTION	DACEY, JOHN GENERIC MECHANIC	INSPECTED TYPE 8 INSPECTION
4/13/21	03862	470748	<a href="#">462A-2021-101</a>	8.00		NO	30: INSPECTED	Y-8M:TYPE 8 INSPECTION	BEAULIEU, DAVID GENERIC MECHANIC	INSPECTED TYPE 8 INSPECTION
1/19/21	03862	463706	<a href="#">462A-2021-16</a>	8.00		NO	No Action Code	Y-8M:TYPE 8 INSPECTION	DACEY, JOHN GENERIC MECHANIC	TYPE 8 INSPECTION
1/19/21	03862	463706	<a href="#">462A-2021-16</a>	8.00		NO	No Action Code	Y-8M:TYPE 8 INSPECTION	BEAULIEU, DAVID GENERIC MECHANIC	TYPE 8 INSPECTION
10/19/20	03862	456542	<a href="#">462A-2020-283</a>	8.00		NO	30: INSPECTED	Y-8M:TYPE 8 INSPECTION	CELIO, FRANK GENERIC MECHANIC	INSPECTED TYPE 8 INSPECTION
10/19/20	03862	456542	<a href="#">462A-2020-283</a>	8.00		NO	30: INSPECTED	Y-8M:TYPE 8 INSPECTION	CONNOR, MICHAEL GENERIC MECHANIC	INSPECTED TYPE 8 INSPECTION
10/19/20	03862	456542	<a href="#">462A-2020-283</a>	1.00		NO	30: INSPECTED	Y-8M:TYPE 8 INSPECTION	MISTRETTA, JAMES GENERIC MECHANIC	INSPECTED TYPE 8 INSPECTION

Distinct # Units	Distinct # WO	Tot Hrs	Avg Hrs
1	4	66.00	6.60



MASSACHUSETTS  
BAY  
TRANSPORTATION  
AUTHORITY

LIGHT RAIL EQUIPMENT MAINTENANCE  
LFC #8 VEHICLE INSPECTION REPORT

#8

Date: 10/19/2020

Inspection Location: Reservoir

Car No: 03862

Current Mileage: 456542

Mileage at Last Inspection: 446425

Mileage Between Inspections: 10117



Signature of Foreperson (s):

[Redacted signature]

Employee Number (s):

[Redacted employee numbers]

Work Item: Y.8M  
Action Code: 35  
Maint. Type: N

Name (s) of Repairperson (s):

[Redacted repairperson names]

Initials

[Redacted initials]

Employee Number (s):

[Redacted employee numbers]

Comments: All ground brushes and ground rings check good (circled)

Additional Discrepancies Corrected on Inspection: \_\_\_\_\_

Maintenance Deferred: 17cms marked NICKS on WO 466 20209484

**2.19 WHEEL INSPECTION RECORD**

#8

Complete and file with each 90 day inspection.

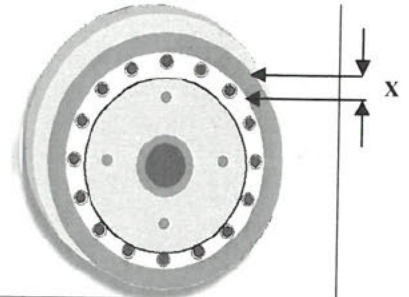
Car No.: 03862

Date: 10/19/2020

Mileage: 456542

**2.19.1 Flange Height**

	>5/8"	<5/8"	<1/2"		>5/8"	<5/8"	<1/2"
L1	✓			R1	✓		
L2	✓			R2	✓		
L3	✓			R3	✓		
L4	✓			R4	✓		
L5	✓			R5	✓		
L6	✓			R6	✓		



Measure (x) from inside edge of tire to outer edge of tire tread as shown.

**2.19.2 Flange Width**

**2.19.3 Wheel Diameter**

Pass		Fail	Pass		Fail	Measurement		Measurement		Dia. Formulas		
L1	✓		R1	✓		L1	2	28	R1	2	28	For End Truck (12" + x) 2 (see below for x)
L2	✓		R2	✓		L2	2	28	R2	2	28	
L3	✓		R3	✓		L3	2 1/8	25.85	R3	2 1/8	25.85	
L4	✓		R4	✓		L4	2 1/8	25.85	R4	2 1/8	25.85	For Ctr. Truck (10.8" + x) 2 (see below for x)
L5	✓		R5	✓		L5	2	28	R5	2	28	
L6	✓		R6	✓		L6	2	28	R6	2	28	

**2.19.5 Back Angle / Flange Angle (By Engineer)**

	Pass	Fail		Pass	Fail
L1	✓		R1	✓	
L2	✓		R2	✓	
L3	✓		R3	✓	
L4	✓		R4	✓	
L5	✓		R5	✓	
L6	✓		R6	✓	

Flange Angle		Flange Angle	
L1	.748" / 73.793°	R1	.760" / 72.737°
L2	.739" / 73.123°	R2	.754" / 72.798°
L3	.744" / 75.238°	R3	.744" / 75.756°
L4	.744" / 75.238°	R4	.723" / 75.512°
L5	.741" / 73.591°	R5	.745" / 73.026°
L6	.773" / 73.074°	R6	.758" / 74.197°

Emp. # 65268 Sig: [Signature]

**2.19.6 Back to Back Measurement**  
(54 3/16" nominal ± 1/16")

Axle # Measurement 1 Measurement 2

1	54 3/16	54 3/16
2	54 3/16	54 3/16
3	54 3/16	54 3/16
4	54 3/16	54 3/16
5	54 3/16	54 3/16
6	54 3/16	54 3/16

measure each axle set in two places opposite each measurement location

**2.19.7 Wheel Diameter Update**

Truck Current Wheel Dia. Updated Wheel Dia.

A	28	28
B	28	28
C	26	25.85

Repairperson: [Redacted]

Foreperson: [Redacted]



# Type 8 Center Wheel Bearing Inspection

Car Number 3862 Truck S/N TT 048

Inspection Date 10-19-2020

L2  
Hub S/N  
T8001 23  
Temp - Prev. / Current  
115° / 115°

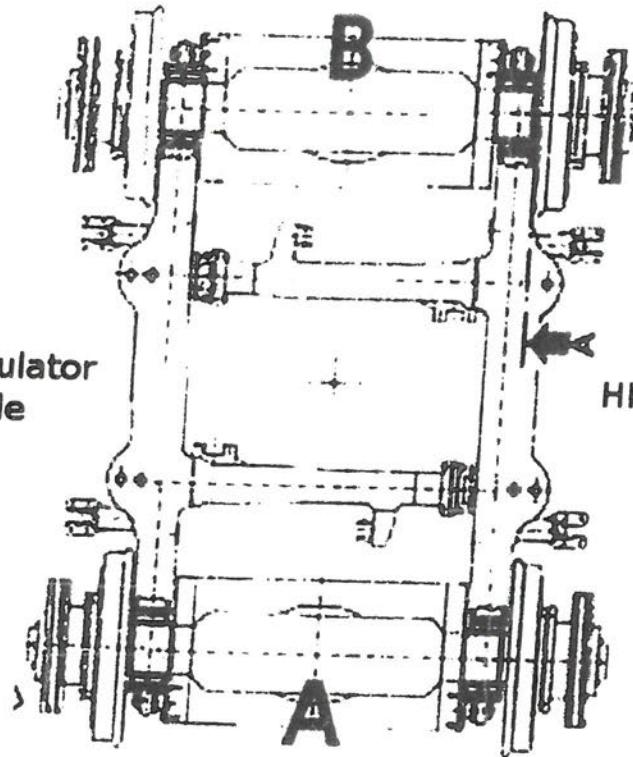
L4  
Hub S/N  
T8001 30  
Temp - Prev. / Current  
115° / 115°

Accumulator  
Side

HPCU SIDE

L1  
Hub S/N  
T8001 28  
Temp - Prev. / Current  
109° / 109°

L3  
Hub S/N  
T8000 23  
Temp - Prev. / Current  
109° / 109°



This inspection is to be completed at the 90 Day inspection for the vehicle. Please verify (if present) or record the hub serial numbers. Also record the temperature sticker reading for each hub.



1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>456542</b>	1.1.3 MILES BETWEEN INSP. <b>10117</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>10/19/2020</b>
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1.2 INSTRUCTIONS

ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED	<b>#8 ADA</b>
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2.0 90 DAY INSPECTION

### GREEN LINE EQUAL ACCESS INSPECTION

#### ANNOUNCEMENT SOUND LEVELS

<b>A end</b>	Ambient Noise Level: <b>74</b> db	REPAIRER: <u>FC</u>
	Speaker Noise Level: <b>83</b> db	
<b>B end</b>	Ambient Noise Level: <b>74</b> db	
	Speaker Noise Level: <b>83</b> db	

#### EXTERIOR/INTERIOR SIGNS

A END				B END			
EXTERIOR END SIGN	F	FC	0	EXTERIOR END SIGN	F	FC	0
EXTERIOR LEFT SIGN	F	FC	2	EXTERIOR LEFT SIGN	F	FC	0
EXTERIOR RIGHT SIGN	F	FC	0	EXTERIOR RIGHT SIGN	F	FC	0
INTERIOR SIGN	F	FC	0	INTERIOR SIGN	F	FC	0

#### BRIDGEPLATES

A END				B END			
A2 BRIDGEPLATE	F	FC	0	B2 BRIDGEPLATE	F	FC	0
A3 BRIDGEPLATE	F	FC	0	B3 BRIDGEPLATE	F	FC	0

#### DOOR CLOSE WARNING DEVICES

A1 DOOR	F	FC	0	B1 DOOR	F	FC	0
A2 DOOR	F	FC	0	B2 DOOR	F	FC	0
A3 DOOR	F	FC	0	B3 DOOR	F	FC	0

REPAIRER: \_\_\_\_\_ INITIALS: \_\_\_\_\_ EMPLOYEE#: \_\_\_\_\_

REPAIRER:  INITIALS:  EMPLOYEE#: 

FOREPERSON:  EMPLOYEE #: 

1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.2 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>456542</b>	1.1.3 MILES BETWEEN INSP. <b>10117</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>10/19/2020</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 A
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ITEM NO.	DESCRIPTION	TASK	INITIALS	DEF. CODE	ITEM NO.	DESCRIPTION	TASK	INITIALS	DEF. CODE
<b>2.1 LIGHTING</b>					<b>2.4 INTERNAL CARBODY</b>				
2.1.1	HEADLIGHTS	FR	R	0	2.4.1	PANTO. FOOT PUMP	FR	R	0
2.1.2	TAIL LIGHTS	FR	R	0	2.4.2	PASS. STOP REQUEST	FR	R	0
2.1.3	TURN SIGNALS	FR	R	0	2.4.3	HANDICAP REQUEST	FR	R	0
2.1.4	MARKER LIGHTS, RED	FR	R	0	2.4.4	GLASS	VR	R	2
2.1.5	MARKER LIGHTS, GREEN	FR	R	0	2.4.5	SEATS, HAND RAILS	VR	R	2
2.1.6	EXT. DOOR LIGHTS	FR	R	0	2.4.6	GRAFITTI	V	R	0
2.1.7	END DESTINATION SIGNS	FR	R	0	2.4.7	BRIDGEPLATE SWITCHES	VFR	R	0
2.1.8	HANDICAP REQ LIGHTS- LED'S	FR	R	0	2.4.8	SAND BOX LEVEL	VR	R	0
2.1.9	DOOR OPENING, AMBER - LED'S	FR	R	0	2.4.9	CEILING PANEL BUTTONS (SECURE)	VR	R	0
2.1.10	PROP. DISABLE, BLUE - LED	FR	R	0	<b>2.5 HVAC - INTERIOR (BOTH ENDS)</b>				
2.1.11	INTERIOR LIGHTS	FR	R	2	2.5.1	FRESH & RETURN AIR FILTERS	R	R	1
2.1.12	STEPWELL LIGHTS	FR	R	0	2.5.2	RETURN AIR GRILLS & SCREENS	C	R	1
2.1.13	CAB LIGHTS	FR	R	2	<b>2.6 EXTERIOR CARBODY</b>				
2.1.14	PASS. STOP REQ. LIGHTS	FR	R	0	2.6.1	CREW SWITCH	FR	R	0
2.1.15	EMERGENCY LIGHTING FUNCTION	FR	R	0	2.6.2	EXT. DOOR MANUAL RELEASE	FR	R	0
<b>2.2 OPERATORS CAB</b>					2.6.3	EXT. BRIDGEPLATE REQUEST	FR	R	0
2.2.1	HORN	F	R	0	2.6.4	SIDE PANELS	V	R	0
2.2.2	GONG	F	R	0	2.6.5	BRAKES PULL-OFF / RESET	FRL	R	0
2.2.3	HIGH/LOW BEAMS	FR	R	0	<b>2.7 DOORS &amp; BRIDGEPLATES</b>				
2.2.4	WINDSHIELD WIPERS	VFR	R	2	2.7.1	A-1 DOOR	VF	R	0
2.2.5	WINDSHIELD WASHER	F	R	0	2.7.2	A2 DOOR	VF	R	0
2.2.6	LAMP TEST	F	R	0	2.7.3	A-3 DOOR	VF	R	0
2.2.7	EMERG. STOP MUSHROOM SW.	F	R	0	2.7.4	B-1 DOOR	VF	R	2
2.2.8	DEADMAN HANDLE	F	R	0	2.7.5	B-2 DOOR	VF	R	0
2.2.9	SUNVISOR	V	R	0	2.7.6	B-3 DOOR	VF	R	0
2.2.10	CURTAIN	VR	R	2	2.7.7	A-2 BRIDGEPLATE	VF	R	2
2.2.11	FIRE EXTINGUISHER	VR	R	0	2.7.8	A-3 BRIDGEPLATE	VF	R	2
2.2.12	STRETCHER (A END ONLY)	VR	R	0	2.7.9	B-2 BRIDGEPLATE	VF	R	2
2.2.13	MIRRORS	VR	R	0	2.7.10	B-3 BRIDGEPLATE	VF	R	2
2.2.14	CAB DOOR (A & B)	VR	R	2	<b>2.8 EVENT RECORDER</b>				
2.2.15	PA	FR	R	0	2.8.1	VERIFY OPERATION WITH PTU	F	R	1
2.2.16	RADIO	FR	R	2	<b>2.9 SUMMING LINKAGE</b>				
2.2.17	PASSENGER INTERCOM	FR	R	0	2.9.1	VISUAL INSPECTION	V	R	0
2.2.18	COUPLE / UNCOUPLE	FR	R	0	2.9.2	LUBRICATE (CENTER FITTING ONLY)	L	R	1
2.2.19	PANTO. UP & DOWN	FR	R	0	2.9.3	4 TOP PLATE BOLTS (92 ft lbs torque)	VA	R	0
2.2.20	TRACK BRAKE / ROLL BACK	FR	R	0	2.9.4	3 BOTTOM BOLTS (20 ft lbs torque)	VA	R	0
2.2.21	SANDER - NORMAL ONE SIDE HILL CLIMB MODE BOTH SIDES	FR	R	2	<b>2.10 ROOF</b>				
2.2.22	DEFROSTER / CAB HEAT	FR	R	2	2.10.1	BRAKING RESISTORS	V	R	0
<b>2.3 BYPASS AND CUTOUT</b>					2.10.2	AC FANS, GRILLS, HARDWARE	V	R	0
2.3.1	NO MOTION (A AND B)	F	R	0	2.10.3	AIR COMPRESSOR, OIL LEVEL, LEAKS	VR	R	2
2.3.2	DOOR INTLK BYPASS (A AND B)	F	R	0	2.10.4	AIR COMPRESSOR DESICCANT	R	R	2
2.3.3	FRICTION BRAKE CUTOUTS (A,B,C)	F	R	0	2.10.5	CARBON STRIPS (REF GL-13-01MTP-8, Pg 13)	VR	R	0
2.3.4	TRACK BRAKE CUTOUT (A ONLY)	F	R	0	2.10.6	PANTO GREASE FITINGS	VL	R	1
2.3.5	SANDER CUTOUT (A END ONLY)	F	R	0	2.10.7	PANTO BREAKAWAY WELDS, ETC.	V	R	0
2.3.6	BRAKE INTLK BYPASS (A AND B)	F	R	0	2.10.8	PANTO TENSION (19 LBS)	A	R	2
2.3.7	TRUCK CUTOUT (A AND B)	F	R	0	2.10.9	TRACTION CABLE	VR	R	0
2.3.8	YELLOW OPTIC TAGS ON BRAKE CUTOUTS AND BRK INTLK BYPASS	VR	R	0	2.10.10	HI-VOLTAGE CABLE CLAMPS	VR	R	0
					2.10.11	APS COOLING FAN (NOISE/FUNCTION)	F	R	0
					2.10.12	APS EXTERNAL IND. (HVLINK & IVLINK)	F	R	0



1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>456542</b>	1.1.2 MILES BETWEEN INSP. <b>10117</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>10/19/2020</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

1.3 INSPECTION CODES  
**1.3.1 TASK**  
V - VISUAL INSPECTION  
F - FUNCTION CHECK  
A - ADJUST  
R - REPAIR OR REPLACE  
L - LUBRICATE  
C - CLEAN  
S - SERVICE  
E - ENGINEERING  
**1.3.2 DEFECT CODE**  
0 - NO DEFECT  
1 - DEFECT REPAIRED  
2 - DEFECT DEFERRED  
3 - DOWNLOADED  
**#8**  
**B**

ITEM NO.	DESCRIPTION	TASK	INITIALS	DEF. CODE	ITEM NO.	DESCRIPTION	TASK	INITIALS	DEF. CODE
<b>2.11</b>	<b>A - TRUCK RECORD SERIAL NUMBER: 042</b>								
2.11.1	LATERAL SHOCK ABSORBER	V	nt	0	2.14.7	PARKING BRAKE RELEASE CHAIN	VLF	nt	0
2.11.2	PRIMARY SUSPENSION	V	nt	0	2.14.8	BRAKE PADS	VR	nt	0
2.11.3	HOSES	V	nt	2	2.14.9	BRAKE PAD LOCKING PINS	VR	nt	0
2.11.4	NITROGEN CARTARIDGE (LEAKS)	VF	nt	0	<b>2.15</b>	<b>C - TRUCK RECORD SERIAL NUMBER: 045</b>			
2.11.5	PILOT BAR	VR	nt	0	2.15.1	LATERAL SHOCK ABSORBER/ SCISSOR LINKAGE	V	nt	0
2.11.6	MEASURE - BOTTOM TO TOP OF RAIL	V	nt	2	2.15.2	PRIMARY SUSPENSION	V	nt	0
2.11.7	TRACTION MOTOR MOUNTS 2 PER AXLE	V	nt	0	2.15.3	HOSES	V	nt	0
2.11.8	GROUND BRUSHES / SHUNTS	VR	nt	2	2.15.4	T - HANGER	V	nt	2
2.11.9	MOTOR WIRING HARNESS	V	nt	2	2.15.5	VERTICAL / LONGITUDAL DAMPERS	V	nt	2
2.11.10	TRACK BRAKE HEIGHT	VA	nt	2	2.15.6	NITROGEN CARTARIDGE (LEAKS)	VF	nt	0
2.11.11	TRACK BRAKE SEGMENTS	VR	nt	2	2.15.7	LUBE CENTER PINS W/ MOBILUX EP2	L	nt	0
2.11.12	TRACK BRAKE WIRES	VR	nt	0	2.15.8	TOLLOK RING - VERIFY TORQUE STRIPE	V	nt	0
2.11.13	WHEEL SHUNTS	V	nt	0	2.15.9	AIR SPRINGS	V	nt	0
2.11.14	AIR SPRINGS	V	nt	0	<b>2.16</b>	<b>C - BRAKES</b>			
2.11.15	AIR SPRING TANK MOUNTS	VR	nt	0	2.16.1	HPCU (ELECTRICAL CONN.)	V	nt	2
2.11.16	WHEEL FLANGE FRICTION MOD (IF PRESENT)	VR			2.16.2	HPCU (HOSES)	VR	nt	0
<b>2.12</b>	<b>A - BRAKES</b>				2.16.3	HPCU (OIL LEVEL)	VS	nt	0
2.12.1	HPCU (LEAKS)	VRS	nt	2	2.16.4	BRAKE CALIPERS	VF	nt	2
2.12.2	HPCU (ELECTRICAL CONN.)	V	nt	0	2.16.5	BRAKE DISC	V	nt	0
2.12.3	HPCU (HOSES)	VR	nt	0	2.16.6	PARKING BRAKE RELEASE	VF	nt	0
2.12.4	HPCU (OIL LEVEL)	VS	nt	0	2.16.7	BRAKE PADS	VR	nt	0
2.12.5	BRAKE CALIPERS	VF	nt	0	2.16.8	BRAKE PAD LOCKING PINS	VR	nt	0
2.12.6	BRAKE DISC	V	nt	0	<b>2.19</b>	<b>TIRE CONDITION ALL AXLES</b>			
2.12.7	PARKING BRAKE RELEASE CHAIN	VLF	nt	2	2.19.4	FLAT SPOTS in excess of 1 1/2"	V	nt	0
2.12.8	BRAKE PADS	VR	nt	0	2.19.8	SPALLING or SHELLED TREAD	V	nt	0
2.12.9	BRAKE PAD LOCKING PINS	VR	nt	0	<b>2.17</b>	<b>COUPLERS</b>			
<b>2.13</b>	<b>B - TRUCK RECORD SERIAL NUMBER: 185</b>				<b>2.17.1</b>	<b>A - END</b>			
2.13.1	LATERAL SHOCK ABSORBER	V	nt	0	2.17.1.1	CENTERING CYLINDERS	VR	nt	0
2.13.2	PRIMARY SUSPENSION	V	nt	0	2.17.1.2	NEGATING VALVE	VR	nt	0
2.13.3	HOSES	V	nt	0	2.17.1.3	TAPPET VALVE	VR	nt	0
2.13.4	NITROGEN CARTARIDGE (LEAKS)	VF	nt	0	2.17.1.4	PINS	VR	nt	2
2.13.5	PILOT BAR	VR	nt	2	2.17.1.5	AIR LEAKS & OVERALL CONDITION	VR	nt	2
2.13.6	MEASURE - BOTTOM TO TOP OF RAIL	V	nt	2	2.17.1.6	MOUNTING BOLTS	VR	nt	0
2.13.7	TRACTION MOTOR MOUNTS 2 PER AXLE	V	nt	0	2.17.1.7	HEIGHT ADJ. SCREWS, SHOCKS	VR	nt	0
2.13.8	GROUND BRUSHES / SHUNTS	VR	nt	2	<b>2.17.2</b>	<b>B - END</b>			
2.13.9	MOTOR WIRING HARNESS	V	nt	2	2.17.2.1	CENTERING CYLINDERS	VR	nt	0
2.13.10	TRACK BRAKE HEIGHT	VA	nt	2	2.17.2.2	NEGATING VALVE	VR	nt	0
2.13.11	TRACK BRAKE SEGMENTS	VR	nt	2	2.17.2.3	TAPPET VALVE	VR	nt	0
2.13.12	TRACK BRAKE WIRES	VR	nt	0	2.17.2.4	PINS	VR	nt	2
2.13.13	WHEEL SHUNTS	V	nt	0	2.17.2.5	AIR LEAKS & OVERALL CONDITION	VR	nt	2
2.13.14	AIR SPRINGS	V	nt	2	2.17.2.6	MOUNTING BOLTS	VR	nt	0
2.13.15	AIR SPRING TANK MOUNTS	VR	nt	0	2.17.2.7	HEIGHT ADJ. SCREWS, SHOCKS	VR	nt	0
2.13.16	WHEEL FLANGE FRICTION MOD (IF PRESENT)	VR			<b>2.18</b>	<b>BATTERIES Fill in BATTERY INSPECTION REPORT form</b>			
<b>2.14</b>	<b>B - BRAKES</b>				2.18.1	WATER LEVEL (DEIONIZED WATER) FILLED TO MAX. LINE	VS	nt	0
2.14.1	HPCU (LEAKS)	VRS	nt	0	2.18.2	VENT CAPS	VR	nt	0
2.14.2	HPCU (ELECTRICAL CONN.)	V	nt	0	2.18.3	GENERAL CONDITION	V	nt	2
2.14.3	HPCU (HOSES)	VR	nt	0	2.18.4	BATT. VOLTAGE (37.5V)	F	nt	0
2.14.4	HPCU (OIL LEVEL)	VS	nt	0	2.18.5	BATTERY CIRCUIT BREAKER BUTTON	FR	nt	0
2.14.5	BRAKE CALIPERS	VF	nt	0	2.18.6	EMRGENCY PANTOGRAPH DOWN	FR	nt	0
2.14.6	BRAKE DISC	V	nt	0					



# BATTERY INSPECTION REPORT - No. 8 LFC

**See GL-06-01MTP-8 document for proper inspection procedure**

CAR NUMBER: **03862**

Charging Current: 400mA (must be <500mA before voltages can be measured)

DATE: **10/19/2020**

BATTERY VOLTAGE: 37.1

Average Cell Voltage (Battery Voltage/25): 1.48

Torque Value Non- Insulated Bolts: ... 18 to 19 lb-ft

Torque Value Insulated Bolts: ... 15 lb-ft

Pass / Fail ± 80 mv

Cell Temperature: 65 °F

THERMAL C/O SWITCH 6 SECOND CUTOFF (O = OK / R = Replace) - 140 to 160°F: 0

(-) Cell 25	Cell Voltage <u>1.49</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 16	Cell Voltage <u>1.48</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 15	Cell Voltage <u>1.46</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 6	Cell Voltage <u>1.48</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 5	Cell Voltage <u>1.49</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>
Cell 24	Cell Voltage <u>1.48</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 17	Cell Voltage <u>1.48</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 14	Cell Voltage <u>1.50</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 7	Cell Voltage <u>1.48</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 4	Cell Voltage <u>1.48</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>
Cell 23	Cell Voltage <u>1.50</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 18	Cell Voltage <u>1.50</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 13	Cell Voltage <u>1.49</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 8	Cell Voltage <u>1.50</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 3	Cell Voltage <u>1.50</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>
Cell 22	Cell Voltage <u>1.49</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 19	Cell Voltage <u>1.51</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 12	Cell Voltage <u>1.45</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 9	Cell Voltage <u>1.48</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 2	Cell Voltage <u>1.49</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>
Cell 21 (front)	Cell Voltage <u>1.49</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 20	Cell Voltage <u>1.50</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 11	Cell Voltage <u>1.48</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 10	Cell Voltage <u>1.45</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>	Cell 1 (+)	Cell Voltage <u>1.48</u> Torque - <u>N/A</u> Electrolyte Level <u>10</u> Vent Cap <u>0</u>
	S/N <u>?</u>		S/N <u>?</u>		S/N <u>?</u>		S/N <u>?</u>		S/N <u>?</u>

GENERAL REMARKS: (Record any unusual conditions such as excessive Potassium Carbonate Salt build up and/or highlight any out of tolerance measurements)

*Some connections and corrosion blocked. Procedure does not apply to SAFT batteries*

Has the set been cleaned, thread lock applied to bolts, torqued, torque stripped and corrosion block applied ( ) yes (X) no

Note: When checking cell voltages, if cells are outside specification. Recheck and be certain a good galvanic connection is made.

DUPLICATED FROM FILE: GL-06-01MTP-8.doc

1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>456542</b>	1.1.2 MILES BETWEEN INSP. <b>10117</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>10/19/2020</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
 1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	B 185 C 048 A 042	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 D
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ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
	* SHEET 1 OF 3 *			
1	C TRACK HORIZ ANTI PITCH ROD HAS PLAY ON EA ENDS (3R HR)	X		DRW
2	B DRAWBAR HEIGHT TOO LOW AT (150 PSI)	X		DRW
3	B DRAWBAR BOTH COUPLER HEADS - PINS DIRTY	X		DRW
4	B DRAWBAR (RH) COUPLER HEAD COVER WONT CLOSE FREELY	X		DRW
5	B DRAWBAR (LH) CABLE HANGS TOO LOW	X		DRW
6	NEED TO LUBE A AND B DRAWBARS WITH "SPECIFIC GREASE", (STABLY LT 50), OUT OF STOCK @ LAKE ST		X	UN
7	B PILOT BAR MOUNT (GL) FAILS SHIM TEST	X		DRW
8	B PILOT BAR SHORT SAFETY CABLE FRAYED (GR SIDE)	X		DRW
9	B TRACK BRAKE (SL-GL) TOO LOW	X		J
10	B TRACK BRAKE POST (GL) WEAR PLATE MISSING		X	DRW
11	B TRACK (#4) MOTOR ENCODER HARNESS DAMAGE @ MOTOR	X		DRW
12	B TRACK BRAKE POST (SL) WEAR PLATE MISSING		X	DRW
13	B TRACK BRAKES ALL (HEA) HANGER BOLTS WORN	X		Ka/SC
14	B TRACK "2 WIRE" BUNDLE CHAFFING GRND WIRE LUG (MID POINT)	X		DRW
15	B TRACK GRND WIRE FRAYED ABOVE HI VOLT BOXES	X		DRW
16	ALL ENTRY DOORS: LWR MOUNT BRACKETS CORRODED	MCRS		ND
17	B CAR ELEC JUNCT BOX, APT OF (GR) ROUTED THRU "THE SIDE"	MCRS		ND
18	B TRACK LEVEL VALVES ROD ENDS NEED TO BE LUBRICATED	X		DRW
19	B TRACK AIR BAE (SL-GL) SPLIT @ LWR MOUNT AREA		X	SS
20	C TRACK LEVEL VALVES ROD ENDS NEED TO BE LUBRICATED	X		DRW
21	C TRACK FLUCTION LUBRICATING STICKS NEED TO BE RELOADED	X		DRW
22	C TRACK (3R) COUPLER HAS EXT HYD LEAKAGE	X		AK

Vehicle Released By: [Redacted]

Date of Release & MCRS Entry: 10/25/20



1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>456542</b>	1.1.2 MILES BETWEEN INSP. <b>10117</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>10/19/2020</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	C 048 A	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 D
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ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
	* SHEET 2 OF 3 *			
23	C TRUCK-TO-BOGIE BUMP STOP PAD MISSING (3R AREA)	MCRS		ND
24	C TRUCK-TO-BOGIE BUMP STOP PAD MISSING (4R AREA)	MCRS		ND
25	C TRUCK T HANGER (4R) STOP PAD DAMAGED	X		FE
26	C TRUCK (3R) FRICTION LUBRICATOR NOT "SPRING LOADED" ?	<del>X</del>		DRW
27	C TRUCK (3R) CALIPER ELEC CONN ROTATES 360°	<del>X</del>		DRW
28	C TRUCK (4R) CALIPER TOP (1/8) SLIDE BOOT NOT SECURED	<del>X</del>		DRW
29	A TO C ARTICULATION BELLOW (1EA) BUNGEE WORN (3R SIDE)	X		FE
30	C TRUCK LEVEL VALVE BRACKET "WORN DOWN" @ LWR END (4R SIDE)		X	FE
31	C TRUCK (3L) CALIPER ELEC CONN ROTATES 360°	X		FE
32	C TRUCK (3L) CALIPER TOP (0/8) SLIDE BOOT TORN OPEN	X		FE
33	A TRUCK TO BODY CABLES, (#2 AXLE AREA), PREV REPAIRS ON	X		FE
	"EACH END" NEED TO BE "READDRESS"	<del>X</del>		<del>FE</del>
34	A TRUCK (#2) CALIPER (W/O) HANDLE ASSY LOOSE	<del>X</del>		J
35	A TRUCK (#2) MOTOR WIRE SUPPORT BRACKET CRACKED	MCRS		ND
36	A TRACK BRAKE POST (2L) WEAR PLATE MISSING		<del>X</del>	DRW
37	A TRACK BRAKE (1L-2L) TOO LOW	<del>X</del>		J
38	A TRACK BRAKE (1R-2R) TOO LOW	<del>X</del>		J
39	A TRACK BRACKES ALL (4EA) HANGER BOLTS WORN	<del>X</del>		PK M4
40	A TRUCK-TO-BOGIE STOP PAD MISSING (1R-2R SIDE)	MCRS		ND
41	A TRUCK (#2) AXLE G/BOX DRAIN PLUG HAS EXT LEAKAGE	<del>X</del>		DRW
42	A TRUCK (#1) AXLE G/BOX FILL PLUG HAS EXT LEAKAGE	<del>X</del>		DRW
43	A TRUCK (#1) MOTOR WIRE SUPPORT BRACKET CRACKED		X	ND
44	A PILOT BAR (1R) SAND PIPE CRACKED @ (0/8) ATTACH POINT		X	ND

Vehicle Released By : [Redacted] Date of Release & MCRS Entry: 10/25/20



1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>456542</b>	1.1.2 MILES BETWEEN INSP. <b>10117</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>10/19/2020</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
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DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	A 042	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 D
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ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
	* SHEET 3 OF 3 *			
45	A TRUCK (#1) CALIPER (W/O) HANDLE ASSY LOOSE - WORN	<input checked="" type="checkbox"/>		WJ
46	A DRAWBAR LG PNEU HOSE DAMAGED, (ABOVE WNT IN CAVITY)	<input checked="" type="checkbox"/>		JP
47	A TRUCK LEVEL VALVE ROD ENDS NEED TO BE LUBRICATED	<input checked="" type="checkbox"/>		DRW
48	A HPCU SKID PANEL LOOSE	<input checked="" type="checkbox"/>		DRW
49	A DRAWBAR HEIGHT TOO LOW AT (150 PSI)	<input checked="" type="checkbox"/>		DRW
50	A DRAWBAR BOTH HEAD COVERS WONT CLOSE FULLY THEMSELVES	<input checked="" type="checkbox"/>		DRW
51	A DRAWBAR BOTH COUPLE HEADS PINS NEED TO BE CLEANED	<input checked="" type="checkbox"/>		DRW
52	Some battery connections need corrosion block	<input checked="" type="checkbox"/>		AP
53	Wood block loose behind batteries.	<input checked="" type="checkbox"/>		AP
54	NEED TO OPEN AND REMOVE A AND B GROUND "BRUSHES" FOR FOREMAN INSPN/SIGNOFF, THEN TO CLOSE UP AFTER (#55)	<input checked="" type="checkbox"/>		JP J
55	NEED TO OPEN AND REMOVE A AND B GROUND BRUSH "BOXES" FOR FOREMAN INSPN/SIGNOFF, THEN TO CLOSE BOTH ASSY'S	<input checked="" type="checkbox"/>		JP J
56	A TRUCK ground straps	<input checked="" type="checkbox"/>		JP

Vehicle Released By: [REDACTED] Date of Release & MCRS Entry: 10/25/20

Rev. IP-0019A Date: 12/11/156:12 PM

1.0 TYPE 8 LFC INSPECTION FORM PART 1  
 1.1.1 CAR NO. **03862**  
 1.1.2 MILEAGE **456542**  
 1.1.2 MILES BETWEEN INSP. **10117**  
 1.1.4 LOCATION **Reservoir**  
 1.1.5 DATE (MM/DD/YY) **10/19/2020**

1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
 1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET

1.3 INSPECTION CODES  
 1.3.1 TASK  
 V - VISUAL INSPECTION  
 F - FUNCTION CHECK  
 A - ADJUST  
 R - REPAIR OR REPLACE  
 L - LUBRICATE  
 C - CLEAN  
 S - SERVICE  
 E - ENGINEERING  
 1.3.2 DEFECT CODE  
 0 - NO DEFECT  
 1 - DEFECT REPAIRED  
 2 - DEFECT DEFERRED  
 3 - DOWNLOADED  
 #8  
 D

ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
	2 of 2			
2.2.4	A-cab windshield wiper switch is loose.	X		MM
2.4.5	B-cab seat is difficult to adjust.	X		MM
2.2.14	B-cab door is difficult to close.	X		MM
2.4.4	B-cab windows are dirty.	X		MM
<del>2.2.16</del>	Intermittent C-truck friction brake logic fault.	X		Acc/WD
2.2.16	B-radio handset cradle is broken.	X		AP
2.2.4	B-cab windshield wiper knob is loose.	X		MM
2.4.5	Panel behind B-cab seat is not installed properly.	X		MM
2.7.4	B1 door has loose hinge screws.	X		MM
2.7.7-10	All bridgeplate ramps need to be cleaned.	X		WD
2.7.8	A3 bridgeplate stops on extend cycle.	X		IP/JL
2.19.7	Update wheel diameter in A, B+C logics	X		JP
	B cab needs update curtains	X		MM
	Air Comp - Drain Bolt Stopped	X		OK
	B end interior light out	X		JS

Vehicle Released By: [Redacted] Date of Release & MCRS Entry: 10/25/20



1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>456542</b>	1.1.2 MILES BETWEEN INSP. <b>10117</b>	1.1.4 LOCATION Reservoir	1.1.5 DATE (MM/DD/YY) <b>10/19/2020</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
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DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 D
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ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
	1 of 2			
2.1.11	A-car has 1 interior light out.	X		MM
2.1.11	B-car has 2 interior light out.	X		MM
2.4.5	Loose handrail in B-car. (Zip)	X		MM
	A-left destination sign transom cover is loose	X		MM
2.4	Loose yellow floor tread at A1 stairs.	X		MM
2.2	Calibrate A-cab speedometer.	X		DRW
2.2	Calibrate B-cab speedometer.	X		DRW
2.2.21	A-Normal sander has weak flow.	X		J
2.2.21	B-Normal sander has weak flow.	X		J
2.2.21	B-Hill climb sander has weak flow.	X		J
2.10.8	Pantograph spring tension is too high.	X		J
2.10.3	R/R air compressor oil.	X		get
2.10.3	R/R air compressor oil filter.	X		get
2.10.3	R/R air compressor air filter.	X		get
2.10.3	R/R air compressor de-oiler element.	X		get
2.10.4	R/R air compressor dryer tanks.	X		de
2.2.10	A-cab curtain is missing hangers.	X		MM
2.2.16	A-radio handset cradle is broken.	X		MM
2.1.13	A-cab has 2 console lights out.	X		MM
2.1.13	A-cab air gauge is offset.	X		MM
2.4.4	A-cab windows are dirty.	X		MM
2.2.22	A-cab heated switch knob is loose.	X		MM

Vehicle Released By: \_\_\_\_\_

Date of Release & MCRS Entry: 10/25/20





MASSACHUSETTS  
BAY  
TRANSPORTATION  
AUTHORITY

LIGHT RAIL EQUIPMENT MAINTENANCE  
LFC #8 VEHICLE INSPECTION REPORT

#8

Date: 1/19/2021

Inspection Location: Reservoir

Car No: 03862

Current Mileage: 463706

Mileage at Last Inspection: 456542

Mileage Between Inspections: 7164



Signature of Foreperson (s):

Employee Number (s):

Work Item: Y.8M  
Action Code: 35  
Maint. Type: N

Name (s) of Repairperson (s):

Initials

Employee Number (s):

Comments: Grooves brushes and rings check OK-ND

Additional Discrepancies Corrected on Inspection: \_\_\_\_\_

Maintenance Deferred: Train being sent to Riverside for B Right track brake snap / Burnt up. h.o. 466-2021-267

*m*

**2.19 WHEEL INSPECTION RECORD**

#8

Complete and file with each 90 day inspection.

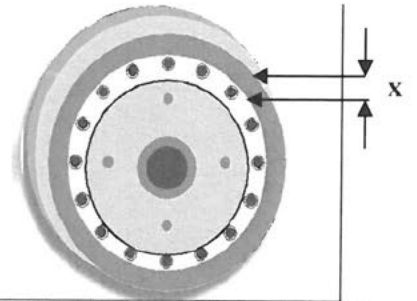
Car No.: 03862

Date: 1/19/2021

Mileage: 463706

**2.19.1 Flange Height**

	>5/8"	<5/8"	<1/2"		>5/8"	<5/8"	<1/2"
L1	/			R1	/		
L2	/			R2	/		
L3	/			R3	/		
L4	/			R4	/		
L5	/			R5	/		
L6	/			R6	/		



Measure (x) from inside edge of tire to outer edge of tire tread as shown.

**2.19.2 Flange Width**

**2.19.3 Wheel Diameter**

Pass		Fail		Pass		Fail		Measurement		Measurement		Dia. Formulas		
L1	/			R1	/			L1	2	28	R1		2	28
L2	/			R2	/			L2	2	28	R2	2	28	
L3	/			R3	/			L3	2 1/4	26	R3	2 1/4	26	For Ctr. Truck (10.8" + x) 2 (see below for x)
L4	/			R4	/			L4	2 1/4	26	R4	2 1/4	26	
L5	/			R5	/			L5	2 1/8	28	R5	2 1/8	28	
L6	/			R6	/			L6	2 1/8	28	R6	2 1/8	28	
								X	Dia.		X	Dia.		

**2.19.5 Back Angle / Flange Angle (By Engineer)**

Pass		Fail		Pass		Fail	
L1	/			R1	/		
L2	/			R2	/		
L3	/			R3	/		
L4	/			R4	/		
L5	/			R5	/		
L6	/			R6	/		

Flange Angle		Flange Angle	
L1	.746" / 73.55°	R1	.763" / 72.63°
L2	.738" / 72.78°	R2	.750" / 72.40°
L3	.794" / 75.08°	R3	.795" / 75.12°
L4	.796" / 75.19°	R4	.794" / 74.92°
L5	.736" / 73.61°	R5	.742" / 72.74°
L6	.762" / 72.89°	R6	.756" / 74.29°

Emp. # 67913 Sig:

**2.19.6 Back to Back Measurement**  
(54 3/16" nominal ± 1/16")

**2.19.7 Wheel Diameter Update**

Axle # Measurement 1 Measurement 2

Truck Current Wheel Dia. Updated Wheel Dia.

1	57 3/16	57 3/16
2	54 3/16	54 3/16
3	57 3/16	57 3/16
4	57 3/16	54 3/16
5	54 3/16	54 3/16
6	54 5/16	54 3/16

A	28	28
B	28	28
C	24.90	26

measure each axle set in two places opposite each measurement location


Repairperson:

Foreperson:

1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>463706</b>	1.1.3 MILES BETWEEN INSP. <b>7164</b>	1.1.4 LOCATION Reservoir	1.1.5 DATE (MM/DD/YY) <b>1/19/2021</b>
1.2 INSTRUCTIONS					
ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE					
1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED		#8 ADA
2.0 90 DAY INSPECTION					

## GREEN LINE EQUAL ACCESS INSPECTION

### ANNOUNCEMENT SOUND LEVELS

<b>A end</b>	Ambient Noise Level: <b>68.3</b> db	REPAIRER: 
	Speaker Noise Level: <b>83.4</b> db	
<b>B end</b>	Ambient Noise Level: <b>65.5</b> db	
	Speaker Noise Level: <b>80.7</b> db	

### EXTERIOR/INTERIOR SIGNS




A END				B END			
EXTERIOR END SIGN	F	<b>0</b>	<b>0</b>	EXTERIOR END SIGN	F	<b>0</b>	<b>0</b>
EXTERIOR LEFT SIGN	F	<b>0</b>	<b>0</b>	EXTERIOR LEFT SIGN	F	<b>0</b>	<b>0</b>
EXTERIOR RIGHT SIGN	F	<b>0</b>	<b>0</b>	EXTERIOR RIGHT SIGN	F	<b>0</b>	<b>0</b>
INTERIOR SIGN	F	<b>0</b>	<b>0</b>	INTERIOR SIGN	F	<b>0</b>	<b>0</b>

### BRIDGEPLATES

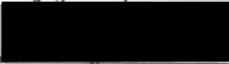

A END				B END			
A2 BRIDGEPLATE	F	<b>0</b>	<b>0</b>	B2 BRIDGEPLATE	F	<b>0</b>	<b>0</b>
A3 BRIDGEPLATE	F	<b>0</b>	<b>0</b>	B3 BRIDGEPLATE	F	<b>0</b>	<b>0</b>

### DOOR CLOSE WARNING DEVICES

A1 DOOR	F	<b>0</b>	<b>0</b>	B1 DOOR	F	<b>0</b>	<b>0</b>
A2 DOOR	F	<b>0</b>	<b>0</b>	B2 DOOR	F	<b>0</b>	<b>0</b>
A3 DOOR	F	<b>0</b>	<b>0</b>	B3 DOOR	F	<b>0</b>	<b>0</b>

REPAIRER:  INITIALS:  EMPLOYEE#: 

REPAIRER: \_\_\_\_\_ INITIALS: \_\_\_\_\_ EMPLOYEE#: \_\_\_\_\_

FOREPERSON:  EMPLOYEE #: 



1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.2 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>463706</b>	1.1.3 MILES BETWEEN INSP. <b>7164</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>1/19/2021</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

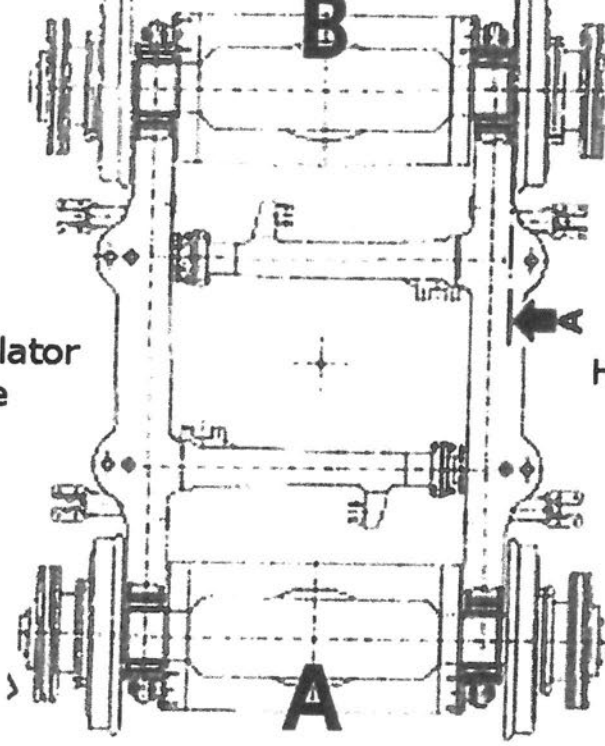
1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 A
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ITEM NO.	DESCRIPTION	TASK	INITIALS	DEF. CODE	ITEM NO.	DESCRIPTION	TASK	INITIALS	DEF. CODE
<b>2.1 LIGHTING</b>					<b>2.4 INTERNAL CARBODY</b>				
2.1.1	HEADLIGHTS	FR	h	0	2.4.1	PANTO. FOOT PUMP	FR	h	0
2.1.2	TAIL LIGHTS	FR	h	0	2.4.2	PASS. STOP REQUEST	FR	h	0
2.1.3	TURN SIGNALS	FR	h	0	2.4.3	HANDICAP REQUEST	FR	h	0
2.1.4	MARKER LIGHTS, RED	FR	h	0	2.4.4	GLASS	VR	h	0
2.1.5	MARKER LIGHTS, GREEN	FR	h	0	2.4.5	SEATS, HAND RAILS	VR	h	2
2.1.6	EXT. DOOR LIGHTS	FR	h	0	2.4.6	GRAFITTI	V	h	2
2.1.7	END DESTINATION SIGNS	FR	h	0	2.4.7	BRIDGEPLATE SWITCHES	VFR	h	0
2.1.8	HANDICAP REQ LIGHTS- LED'S	FR	h	0	2.4.8	SAND BOX LEVEL	VR	h	2
2.1.9	DOOR OPENING, AMBER - LED'S	FR	h	0	2.4.9	CEILING PANEL BUTTONS (SECURE)	VR	h	2
2.1.10	PROP. DISABLE, BLUE - LED	FR	h	0	<b>2.5 HVAC - INTERIOR (BOTH ENDS)</b>				
2.1.11	INTERIOR LIGHTS	FR	h	0	2.5.1	FRESH & RETURN AIR FILTERS	R	h	1
2.1.12	STEPWELL LIGHTS	FR	h	0	2.5.2	RETURN AIR GRILLS & SCREENS	C	h	1
2.1.13	CAB LIGHTS	FR	h	2	<b>2.6 EXTERIOR CARBODY</b>				
2.1.14	PASS. STOP REQ. LIGHTS	FR	h	0	2.6.1	CREW SWITCH	FR	h	0
2.1.15	EMERGENCY LIGHTING FUNCTION	FR	h	0	2.6.2	EXT. DOOR MANUAL RELEASE	FR	h	0
<b>2.2 OPERATORS CAB</b>					2.6.3	EXT. BRIDGEPLATE REQUEST	FR	h	0
2.2.1	HORN	F	h	0	2.6.4	SIDE PANELS	V	h	0
2.2.2	GONG	F	h	0	2.6.5	BRAKES PULL-OFF / RESET	FRL	h	0
2.2.3	HIGH/LOW BEAMS	FR	h	0	<b>2.7 DOORS &amp; BRIDGEPLATES</b>				
2.2.4	WINDSHIELD WIPERS	VFR	h	0	2.7.1	A-1 DOOR	VF	h	0
2.2.5	WINDSHIELD WASHER	F	h	2	2.7.2	A2 DOOR	VF	h	0
2.2.6	LAMP TEST	F	h	0	2.7.3	A-3 DOOR	VF	h	0
2.2.7	EMERG. STOP MUSHROOM SW.	F	h	0	2.7.4	B-1 DOOR	VF	h	2
2.2.8	DEADMAN HANDLE	F	h	0	2.7.5	B-2 DOOR	VF	h	2
2.2.9	SUNVISOR	V	h	2	2.7.6	B-3 DOOR	VF	h	0
2.2.10	CURTAIN	VR	h	2	2.7.7	A-2 BRIDGEPLATE	VF	h	0
2.2.11	FIRE EXTINGUISHER	VR	h	0	2.7.8	A-3 BRIDGEPLATE	VF	h	0
2.2.12	STRETCHER (A END ONLY)	VR	h	0	2.7.9	B-2 BRIDGEPLATE	VF	h	0
2.2.13	MIRRORS	VR	h	0	2.7.10	B-3 BRIDGEPLATE	VF	h	0
2.2.14	CAB DOOR (A & B)	VR	h	0	<b>2.8 EVENT RECORDER</b>				
2.2.15	PA	FR	h	0	2.8.1	VERIFY OPERATION WITH PTU	F	h	0
2.2.16	RADIO	FR	h	2	<b>2.9 SUMMING LINKAGE</b>				
2.2.17	PASSENGER INTERCOM	FR	h	0	2.9.1	VISUAL INSPECTION	V	h	0
2.2.18	COUPLE / UNCOUPLE	FR	h	0	2.9.2	LUBRICATE (CENTER FITTING ONLY)	L	h	1
2.2.19	PANTO. UP & DOWN	FR	h	0	2.9.3	4 TOP PLATE BOLTS (92 ft lbs torque)	VA	h	0
2.2.20	TRACK BRAKE / ROLL BACK	FR	h	2	2.9.4	3 BOTTOM BOLTS (20 ft lbs torque)	VA	h	0
2.2.21	SANDER - NORMAL ONE SIDE HILL CLIMB MODE BOTH SIDES	FR	h	2	<b>2.10 ROOF</b>				
2.2.22	DEFROSTER / CAB HEAT	FR	h	0	2.10.1	BRAKING RESISTORS	V	h	0
<b>2.3 BYPASS AND CUTOUT</b>					2.10.2	AC FANS, GRILLS, HARDWARE	V	h	0
2.3.1	NO MOTION (A AND B)	F	h	0	2.10.3	AIR COMPRESSOR, OIL LEVEL, LEAKS	VR	h	2
2.3.2	DOOR INTLK BYPASS (A AND B)	F	h	0	2.10.4	AIR COMPRESSOR DESICCANT	R	h	2
2.3.3	FRICTION BRAKE CUTOUTS (A,B,C)	F	h	0	2.10.5	CARBON STRIPS (REF GL-13-01MTP-8, Pg 13)	VR	h	0
2.3.4	TRACK BRAKE CUTOUT (A ONLY)	F	h	0	2.10.6	PANTO GREASE FITINGS	VL	h	1
2.3.5	SANDER CUTOUT (A END ONLY)	F	h	0	2.10.7	PANTO BREAKAWAY WELDS, ETC.	V	h	0
2.3.6	BRAKE INTLK BYPASS (A AND B)	F	h	0	2.10.8	PANTO TENSION (19 LBS)	A	h	0
2.3.7	TRUCK CUTOUT (A AND B)	F	h	0	2.10.9	TRACTION CABLE	VR	h	0
2.3.8	YELLOW OPTIC TAGS ON BRAKE CUTOUTS AND BRK INTLK BYPASS	VR	h	0	2.10.10	HI-VOLTAGE CABLE CLAMPS	VR	h	0
					2.10.11	APS COOLING FAN (NOISE/FUNCTION)	F	h	0
					2.10.12	APS EXTERNAL IND. (HVLINK & IVLINK)	F	h	0

# Type 8 Center Wheel Bearing Inspection

Car Number 3862 Truck S/N TT 075

Inspection Date 01/19/2021

<p><b>L2</b></p> <p><b>Hub S/N</b> <u>T 8000-37</u></p> <p>Temp - Prev. / Current <u>&lt; / 120</u></p>		<p><b>L4</b></p> <p><b>Hub S/N</b> <u>T 8000-12</u></p> <p>Temp - Prev. / Current <u>&lt; / 120</u></p>
<p><b>L1</b></p> <p><b>Hub S/N</b> <u>T 8000 39</u></p> <p>Temp - Prev. / Current <u>&lt; / 120</u></p>	<p>Accumulator Side</p> <p>HPCU SIDE</p>	<p><b>L3</b></p> <p><b>Hub S/N</b> <u>T 28576-49</u></p> <p>Temp - Prev. / Current <u>&lt; / 120</u></p>

This inspection is to be completed at the 90 Day inspection for the vehicle. Please verify (if present) or record the hub serial numbers. Also record the temperature sticker reading for each hub.



1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>463706</b>	1.1.2 MILES BETWEEN INSP. <b>7164</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>1/19/2021</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

1.3 INSPECTION CODES      1.3.1 TASK  
V - VISUAL INSPECTION      L - LUBRICATE  
F - FUNCTION CHECK      C - CLEAN  
A - ADJUST      S - SERVICE  
R - REPAIR OR REPLACE      E - ENGINEERING

1.3.2 DEFECT CODE  
0 - NO DEFECT  
1 - DEFECT REPAIRED  
2 - DEFECT DEFERRED  
3 - DOWNLOADED

**#8**  
**B**

ITEM NO.	DESCRIPTION	TASK	INITIALS	DEF. CODE	ITEM NO.	DESCRIPTION	TASK	INITIALS	DEF. CODE
<b>2.11</b>	<b>A - TRUCK RECORD SERIAL NUMBER : 042</b>								
2.11.1	LATERAL SHOCK ABSORBER	V	DB	0	2.14.7	PARKING BRAKE RELEASE CHAIN	VLF	DB	2
2.11.2	PRIMARY SUSPENSION	V	DB	0	2.14.8	BRAKE PADS	VR	DB	0
2.11.3	HOSES	V	DB	0	2.14.9	BRAKE PAD LOCKING PINS	VR	DB	2
2.11.4	NITROGEN CARTARIDGE (LEAKS)	VF	DB	0	<b>2.15</b>	<b>C - TRUCK RECORD SERIAL NUMBER : 075</b>			
2.11.5	PILOT BAR	VR	DB	2	2.15.1	LATERAL SHOCK ABSORBER/ SCISSOR LINKAGE	V	DB	0
2.11.6	MEASURE - BOTTOM TO TOP OF RAIL	V	DB	0	2.15.2	PRIMARY SUSPENSION	V	DB	0
2.11.7	TRACTION MOTOR MOUNTS 2 PER AXLE	V	DB	0	2.15.3	HOSES	V	DB	0
2.11.8	GROUND BRUSHES / SHUNTS	VR	DB	2	2.15.4	T - HANGER	V	DB	0
2.11.9	MOTOR WIRING HARNESS	V	DB	0	2.15.5	VERTICAL / LONGITUDAL DAMPERS	V	DB	0
2.11.10	TRACK BRAKE HEIGHT	VA	DB	0	2.15.6	NITROGEN CARTARIDGE (LEAKS)	VF	DB	0
2.11.11	TRACK BRAKE SEGMENTS	VR	DB	0	2.15.7	LUBE CENTER PINS W/ MOBILUX EP2	L	DB	1
2.11.12	TRACK BRAKE WIRES	VR	DB	0	2.15.8	TOLLOK RING - VERIFY TORQUE STRIPE	V	DB	0
2.11.13	WHEEL SHUNTS	V	DB	0	2.15.9	AIR SPRINGS	V	DB	2
2.11.14	AIR SPRINGS	V	DB	2	<b>2.16</b>	<b>C - BRAKES</b>			
2.11.15	AIR SPRING TANK MOUNTS	VR	DB	0	2.16.1	HPCU (ELECTRICAL CONN.)	V	DB	0
2.11.16	WHEEL FLANGE FRICTION MOD (IF PRESENT)	VR			2.16.2	HPCU (HOSES)	VR	DB	0
<b>2.12</b>	<b>A - BRAKES</b>				2.16.3	HPCU (OIL LEVEL)	VS	DB	2
2.12.1	HPCU (LEAKS)	VRS	DB	0	2.16.4	BRAKE CALIPERS	VF	DB	2
2.12.2	HPCU (ELECTRICAL CONN.)	V	DB	0	2.16.5	BRAKE DISC	V	DB	0
2.12.3	HPCU (HOSES)	VR	DB	0	2.16.6	PARKING BRAKE RELEASE	VF	DB	0
2.12.4	HPCU (OIL LEVEL)	VS	DB	0	2.16.7	BRAKE PADS	VR	DB	0
2.12.5	BRAKE CALIPERS	VF	DB	2	2.16.8	BRAKE PAD LOCKING PINS	VR	DB	0
2.12.6	BRAKE DISC	V	DB	0	<b>2.19</b>	<b>TIRE CONDITION ALL AXLES</b>			
2.12.7	PARKING BRAKE RELEASE CHAIN	VLF	DB	2	2.19.4	FLAT SPOTS in excess of 1 1/2"	V	DB	0
2.12.8	BRAKE PADS	VR	DB	0	2.19.8	SPALLING or SHELLED TREAD	V	DB	0
2.12.9	BRAKE PAD LOCKING PINS	VR	DB	0	<b>2.17</b>	<b>COUPLERS</b>			
<b>2.13</b>	<b>B - TRUCK RECORD SERIAL NUMBER : 185</b>				2.17.1	<b>A - END</b>			
2.13.1	LATERAL SHOCK ABSORBER	V	DB	0	2.17.1.1	CENTERING CYLINDERS	VR	DB	0
2.13.2	PRIMARY SUSPENSION	V	DB	0	2.17.1.2	NEGATING VALVE	VR	DB	0
2.13.3	HOSES	V	DB	0	2.17.1.3	TAPPET VALVE	VR	DB	0
2.13.4	NITROGEN CARTARIDGE (LEAKS)	VF	DB	0	2.17.1.4	PINS	VR	DB	0
2.13.5	PILOT BAR	VR	DB	0	2.17.1.5	AIR LEAKS & OVERALL CONDITION	VR	DB	2
2.13.6	MEASURE - BOTTOM TO TOP OF RAIL	V	DB	0	2.17.1.6	MOUNTING BOLTS	VR	DB	0
2.13.7	TRACTION MOTOR MOUNTS 2 PER AXLE	V	DB	0	2.17.1.7	HEIGHT ADJ. SCREWS, SHOCKS	VR	DB	0
2.13.8	GROUND BRUSHES / SHUNTS	VR	DB	2	<b>2.17.2</b>	<b>B - END</b>			
2.13.9	MOTOR WIRING HARNESS	V	DB	0	2.17.2.1	CENTERING CYLINDERS	VR	DB	0
2.13.10	TRACK BRAKE HEIGHT	VA	DB	2	2.17.2.2	NEGATING VALVE	VR	DB	0
2.13.11	TRACK BRAKE SEGMENTS	VR	DB	0	2.17.2.3	TAPPET VALVE	VR	DB	0
2.13.12	TRACK BRAKE WIRES	VR	DB	0	2.17.2.4	PINS	VR	DB	0
2.13.13	WHEEL SHUNTS	V	DB	2	2.17.2.5	AIR LEAKS & OVERALL CONDITION	VR	DB	2
2.13.14	AIR SPRINGS	V	DB	2	2.17.2.6	MOUNTING BOLTS	VR	DB	0
2.13.15	AIR SPRING TANK MOUNTS	VR	DB	0	2.17.2.7	HEIGHT ADJ. SCREWS, SHOCKS	VR	DB	0
2.13.16	WHEEL FLANGE FRICTION MOD (IF PRESENT)	VR			<b>2.18</b>	<b>BATTERIES Fill in BATTERY INSPECTION REPORT form</b>			
<b>2.14</b>	<b>B - BRAKES</b>				2.18.1	WATER LEVEL (DEIONIZED WATER) FILLED TO MAX. LINE	VS	DB	0
2.14.1	HPCU (LEAKS)	VRS	DB	0	2.18.2	VENT CAPS	VR	DB	0
2.14.2	HPCU (ELECTRICAL CONN.)	V	DB	0	2.18.3	GENERAL CONDITION	V	DB	0
2.14.3	HPCU (HOSES)	VR	DB	0	2.18.4	BATT. VOLTAGE (37.5V)	F	DB	0
2.14.4	HPCU (OIL LEVEL)	VS	DB	0	2.18.5	BATTERY CIRCUIT BREAKER BUTTON	FR	DB	0
2.14.5	BRAKE CALIPERS	VF	DB	0	2.18.6	EMRGENCY PANTOGRAPH DOWN	FR	DB	0
2.14.6	BRAKE DISC	V	DB	0					

**BATTERY INSPECTION REPORT – No. 8 LFC**  
**See GL-06-01MTP-8 document for proper inspection procedure**

CAR NUMBER: **03862**

Charging Current: 100.0mA (must be <500mA before voltages can be measured)

DATE: **1/19/2021**

BATTERY VOLTAGE: 37vdc

Average Cell Voltage (Battery Voltage/25): 1.48 Pass Fail ± 80 mv

Torque Value Non- Insulated Bolts.... 18 to 19 lb-ft

Torque Value Insulated Bolts.... 15 lb-ft

Cell Temperature: 73 °F

THERMAL C/O SWITCH 6 SECOND CUTOFF (O = OK / R = Replace) – 140 to 160°F: 0

(-) Cell 25 (Rear)	Cell Voltage <u>1.48</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 16	Cell Voltage <u>1.48</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 15	Cell Voltage <u>1.47</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 6	Cell Voltage <u>1.49</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 5	Cell Voltage <u>1.49</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell 24	Cell Voltage <u>1.48</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 17	Cell Voltage <u>1.48</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 14	Cell Voltage <u>1.49</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 7	Cell Voltage <u>1.48</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 4	Cell Voltage <u>1.48</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell 23	Cell Voltage <u>1.49</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 18	Cell Voltage <u>1.49</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 13	Cell Voltage <u>1.49</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 8	Cell Voltage <u>1.49</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 3	Cell Voltage <u>1.49</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell 22	Cell Voltage <u>1.49</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 19	Cell Voltage <u>1.50</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 12	Cell Voltage <u>1.47</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 9	Cell Voltage <u>1.48</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 2	Cell Voltage <u>1.48</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell 21 (front)	Cell Voltage <u>1.49</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 20	Cell Voltage <u>1.49</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 11	Cell Voltage <u>1.48</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 10	Cell Voltage <u>1.48</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 1 (+)	Cell Voltage <u>1.48</u> Torque - <u>0</u> / + Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell Voltage (Vdc), Torque (O = OK, N = Not OK); Electrolyte Level (in inches with respect to Max Level, fill to 1/4" above); Vent Cap (O = Ok, N = Not Ok)	Tray 1 of 5 S/N <u>3862</u> N/A	Tray 2 of 5 S/N <u>N/A</u>	Tray 3 of 5 S/N <u>N/A</u>	Tray 4 of 5 S/N <u>N/A</u>	Tray 5 of 5 S/N <u>N/A</u>	Tray 5 of 5 S/N <u>N/A</u>	Tray 5 of 5 S/N <u>N/A</u>	Tray 5 of 5 S/N <u>N/A</u>	Tray 5 of 5 S/N <u>N/A</u>

GENERAL REMARKS: (Record any unusual conditions such as excessive Potassium Carbonate Salt build up and/or highlight any out of tolerance measurements)

Has the set been cleaned, thread lock applied to bolts, torqued, torque stripped and corrosion block applied (✓) yes ( ) no

Note: When checking cell voltages, if cells are outside specification. Recheck and be certain a good galvanic connection is made.

DUPLICATED FROM FILE: GL-06-01MTP-8.doc

1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>463706</b>	1.1.2 MILES BETWEEN INSP. <b>7164</b>	1.1.4 LOCATION Reservoir	1.1.5 DATE (MM/DD/YY) <b>1/19/2021</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

DISCREPANCY SHEET	DISCREPANCY SHEET	DISCREPANCY SHEET	DISCREPANCY SHEET	DISCREPANCY SHEET
1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 D

ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
1.	A Pilot BAR (R) Mounting not N/cr	<del>X</del>		A
2.	#1 gear box leaks @ fill bolt.	<del>X</del>		A
3.	(A & B) remove ground brushes for inspection by a foreman	<del>X</del>		J
4.	A - Lube leveling rods	<del>X</del>		JK
5.	A - HPCU lower pan loose	<del>X</del>		JK
6.	A - HPCU front mounting bracket - torque bolts and apply torque stripe	<del>X</del>		JP
7.	#1 caliper bushings worn		X	SS
8.	#1 PBR lower loose	<del>X</del>		JK
9.	#2 PBR lever loose	<del>X</del>		JK
10.	A coupler low @ 15"	<del>X</del>		JK
11.	A coupler manual release handle loose	<del>X</del>		JK
12.	A coupler lg - air line wearing on carbody	<del>X</del>		JK
13.	B - (2) ground shunts near B/R track brake are damaged. (yellow zips)	<del>X</del>		JK
14.	B/L leveling rod ends not aligned.	<del>X</del>		JK
15.	B/L Airbag split.		X	JK
16.	B - Lube leveling rods after repair.	<del>X</del>		JK
17.	#5/R wheel shunt damaged.	<del>X</del>		JK
18.	B/R track brake low	<del>X</del>		JK
19.	B - HPCU lower pan loose	<del>X</del>		JK

Vehicle Released By: [REDACTED] Date of Release & MCRS Entry: 1/27/21



1.0 TYPE 8 LFC INSPECTION FORM PART 1  
 1.1.1 CAR NO. **03862**  
 1.1.2 MILEAGE **463706**  
 1.1.2 MILES BETWEEN INSP. **7164**  
 1.1.4 LOCATION **Reservoir**  
 1.1.5 DATE (MM/DD/YY) **1/19/2021**

1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
 1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET

1.3 INSPECTION CODES  
 1.3.1 TASK  
 V - VISUAL INSPECTION  
 F - FUNCTION CHECK  
 A - ADJUST  
 R - REPAIR OR REPLACE  
 L - LUBRICATE  
 C - CLEAN  
 S - SERVICE  
 E - ENGINEERING  
 1.3.2 DEFECT CODE  
 0 - NO DEFECT  
 1 - DEFECT REPAIRED  
 2 - DEFECT DEFERRED  
 3 - DOWNLOADED  
 #8  
 D

ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
20.	B-HPCU front mount bracket appears loose - torque bolts / apply torque stripe	<input checked="" type="checkbox"/>		FC
21.	#5 PBR lower loose	<input checked="" type="checkbox"/>		AK
22.	#6 cal. brakepad lock pins worn	<input checked="" type="checkbox"/>		AK
23.	B-coupler low @ 15"	<input checked="" type="checkbox"/>		JP
24.	B-coupler lg. airline wearing on car body	<input checked="" type="checkbox"/>		JK
25.	B-coupled (R) harness too low	<input checked="" type="checkbox"/>		JP
26.	C - Check / Service flange lubricators	<input checked="" type="checkbox"/>		AK
27.	C - Lube leveling rods.	<input checked="" type="checkbox"/>		JK
28.	C - HPCU oil level low.	<input checked="" type="checkbox"/>		JP
29.	3L elect. conn. needs safety wire	<input checked="" type="checkbox"/>		AK
30.	4L elect. conn needs safety wire	<input checked="" type="checkbox"/>		AK
31.	3R caliper leaks @ both bleeders	<input checked="" type="checkbox"/>		AK
32.	3R elect: conn. needs safety wire	<input checked="" type="checkbox"/>		AK
33.	Bungee unhooked @ 3R	<input checked="" type="checkbox"/>		JP
34.	4R elect. conn needs safety wire.	<input checked="" type="checkbox"/>		AK
35.	Bungee damaged @ 4R	<input checked="" type="checkbox"/>		AK

has back Bolt

1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>463706</b>	1.1.2 MILES BETWEEN INSP. <b>7164</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>1/19/2021</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 D
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ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
1	A - CLK/SERVICE SPEEDOMETER CALIBRATION	<del>X</del>		RM
2	B - CLK/SERVICE " " "	<del>X</del>		RM
3	A - SEAT BOTT'S CUT (3)	<del>X</del>		FC
4	A - CAB DASH LT'S OUT	<del>X</del>		AB
5	A - WINDSHIELD WASHER IN-OP; LOOKS OUT	<del>X</del>		J
-	A - END TRANSDOM COVER	-	-	-
6	A - (D) SUNVISOR STUCK	<del>X</del>		AB
7	A - END TRANSDOM COVER; SAFETY BUTTON W	<del>X</del>		J
8	A - CURTAIN HOOPS HANGER	<del>X</del>		AB
9	A - OPEN SEAT FOAM/BACIL PIN STUCK	<del>X</del>		AB
10	A - SAND LOW	<del>X</del>		AB
11	A - WIPER FLUID LOW	X		JD
12	B - C.B. COVER HINGE OFF	<del>X</del>		FC
13	B - SEAT BOTT'S CUT (4)	<del>X</del>		FC
14	B - 1 DOOR HINGE SCREWS LOOSE	<del>X</del>		RM
15	B - (RT) TRUCK BRAKE IN-OP		MCRS	SS
16	B - ATRIUM LT IN-OP	<del>X</del>		AB
17	B - CAB DASH LT OUT	<del>X</del>		AB
18	B - CAB HVHC DIFFUSER DOES NOT OPEN	<del>X</del>		AB
-		-	-	-
19	B - 2 DOOR HINGE SCREWS LOOSE	<del>X</del>		RM
20	B - RADIO DOES NOT RECEIVE IN TEL	<del>X</del>		FC
-	EARPIECE	-	-	-

Vehicle Released By: [REDACTED]

Date of Release & MCRS Entry: 1/21/21







# Quality Control Inspection Report

Name	[REDACTED]		
Badge:	[REDACTED]		
Car Number	862		
Date of Inspection	11/9/21		
Date of QC Report	2/16/21		
<input checked="" type="checkbox"/> Inspection cover sheet properly completed.			
<input checked="" type="checkbox"/> Car No. & mileage	<input checked="" type="checkbox"/> Signatures	<input checked="" type="checkbox"/> Names & badge numbers	
<input checked="" type="checkbox"/> Wheel Inspection Sheet completed.	<input checked="" type="checkbox"/> Sheet heading info		
<input checked="" type="checkbox"/> All measurements	<input checked="" type="checkbox"/> Signature		
<input checked="" type="checkbox"/> Inspection Material's list Completed	<input checked="" type="checkbox"/> Sheet heading info		
<input checked="" type="checkbox"/> Parts Used & Scanned	<input checked="" type="checkbox"/> Parts MCRS charged		
<input checked="" type="checkbox"/> ADA Sheet Completed.	<input checked="" type="checkbox"/> Sheet heading info		
<input checked="" type="checkbox"/> All measurements	<input checked="" type="checkbox"/> Inspector info	<input checked="" type="checkbox"/> Signature	
<input checked="" type="checkbox"/> Vehicle Inspection sheets A, B, C*, D* & F* (* Type 7 only)			
<input checked="" type="checkbox"/> Sheet heading info	<input checked="" type="checkbox"/> Initials completed	<input checked="" type="checkbox"/> Defect code completed	<input checked="" type="checkbox"/> in order
<input checked="" type="checkbox"/> Discrepancy Sheets properly filled	<input checked="" type="checkbox"/> Sheet heading info		
<input checked="" type="checkbox"/> All items repaired, serviced & closed	<input checked="" type="checkbox"/> Initials completed	<input checked="" type="checkbox"/> Work MCRS charged	
<input checked="" type="checkbox"/> Battery Insp report completed (Type 8 only)	<input checked="" type="checkbox"/> Sheet heading info		
<input checked="" type="checkbox"/> All measurements	<input checked="" type="checkbox"/> Levels		
Comments:			

Attach document to back of Inspection Report when complete.

Signature \_\_\_\_\_

[REDACTED]



MASSACHUSETTS  
BAY  
TRANSPORTATION  
AUTHORITY

LIGHT RAIL EQUIPMENT MAINTENANCE  
LFC #8 VEHICLE INSPECTION REPORT

#8

Date: 4/13/2021

Inspection Location: Reservoir

Car No: 03862

Current Mileage: 470748

Mileage at Last Inspection: 463706

Mileage Between Inspections: 7042



Signature/of Foreperson (s):

Employee Number (s):

Work Item: Y.8M  
Action Code: 35  
Maint. Type: N

[Redacted signature]

[Redacted employee number]

Name (s) of Repairperson (s):

Initials

Employee Number (s):

[Redacted repairperson information]

Comments: Greases brushed and rings checked per  
extend on MUP - ND

Additional Discrepancies Corrected on Inspection: \_\_\_\_\_

Maintenance Deferred: \_\_\_\_\_

**2.19 WHEEL INSPECTION RECORD**

#8

Complete and file with each 90 day inspection.

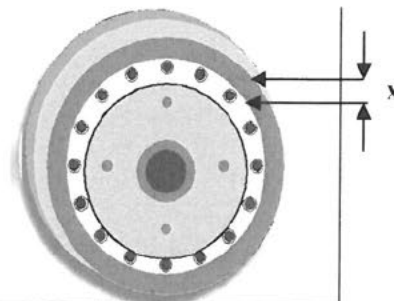
Car No.: 03862

Date: 4/13/2021

Mileage: 470748

**2.19.1 Flange Height**

	>5/8"	<5/8"	<1/2"		>5/8"	<5/8"	<1/2"
L1	/			R1	/		
L2	/			R2	/		
L3	/			R3	/		
L4	/			R4	/		
L5	/			R5	/		
L6	/			R6	/		



Measure (x) from inside edge of tire to outer edge of tire tread as shown.

**2.19.2 Flange Width**

**2.19.3 Wheel Diameter**

Pass		Fail	Pass		Fail	Measurement		Measurement		Dia. Formulas		
L1	/		R1	/		L1	2	28	R1		2	28
L2	/		R2	/		L2	2	28	R2	2	28	
L3	/		R3	/		L3	2 1/4	26	R3	2 1/4	26	For Ctr. Truck (10.8" + x) 2 (see below for x)
L4	/		R4	/		L4	2 1/4	26	R4	2 1/4	26	
L5	/		R5	/		L5	2 1/2	28	R5	2 1/2	28	
L6	/		R6	/		L6	2 1/2	28	R6	2 1/2	28	
						X		Dia.				

**2.19.5 Back Angle / Flange Angle (By Engineer)**

Pass		Fail	Pass		Fail
L1	/		R1	/	
L2	/		R2	/	
L3	/		R3	/	
L4	/		R4	/	
L5	/		R5	/	
L6	/		R6	/	

Flange Angle				Flange Angle			
L1	73.279	.743	R1	72.714	.760		
L2	72.884	.738	R2	72.236	.756		
L3	76.187	.786	R3	76.068	.778		
L4	76.169	.787	R4	76.343	.778		
L5	73.500	.736	R5	73.098	.744		
L6	72.610	.769	R6	73.899	.757		

Emp. # [Redacted]

Sig: [Redacted]

**2.19.6 Back to Back Measurement**

(54 3/16" nominal ± 1/16")

Axle # Measurement 1 Measurement 2

1	54 3/16	54 3/16
2	54 3/16	54 3/16
3	54 3/16	54 3/16
4	54 3/16	54 3/16
5	54 3/16	54 3/16
6	54 3/16	54 3/16

measure each axle set in two places opposite each measurement location

**2.19.7 Wheel Diameter Update**

Truck Current Wheel Dia. Updated Wheel Dia.

A	28	28
B	28	28
C	26	26

Repairperson: [Redacted]

Foreperson: [Redacted]



# Type 8 Center Wheel Bearing Inspection

Car Number 3862 Truck S/N TT 075

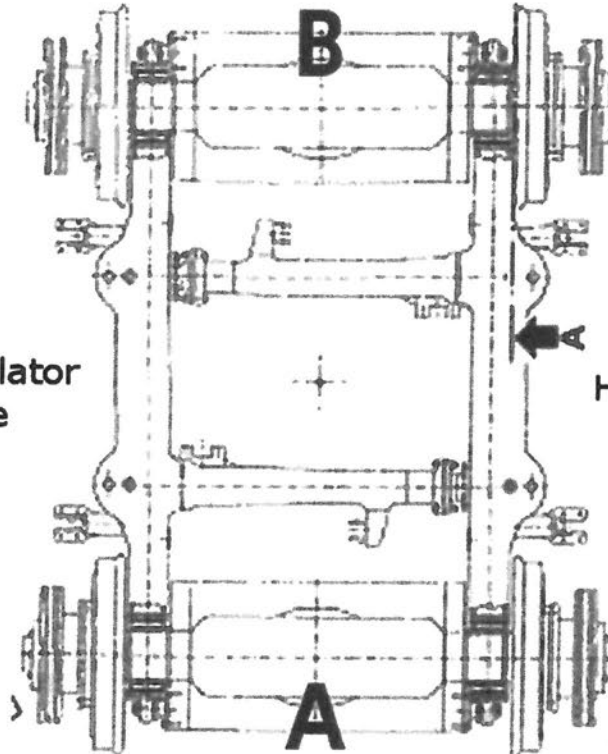
Inspection Date 04-13-21

L2  
Hub S/N  
T 8000-12  
Temp - Prev. / Current  
- / <120

L4  
Hub S/N  
T 8000-37  
Temp - Prev. / Current  
- / <120

Accumulator  
Side

HPCU SIDE



L1  
Hub S/N  
T 28576-49  
Temp - Prev. / Current  
- / <120

L3  
Hub S/N  
T 8000-39  
Temp - Prev. / Current  
- / <120

This inspection is to be completed at the 90 Day inspection for the vehicle. Please verify (if present) or record the hub serial numbers. Also record the temperature sticker reading for each hub.

1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>470748</b>	1.1.3 MILES BETWEEN INSP. <b>7042</b>	1.1.4 LOCATION Reservoir	1.1.5 DATE (MM/DD/YY) <b>4/13/2021</b>
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1.2 INSTRUCTIONS


ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED	#8 ADA
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2.0 90 DAY INSPECTION

## GREEN LINE EQUAL ACCESS INSPECTION

### ANNOUNCEMENT SOUND LEVELS

<b>A end</b>	Ambient Noise Level: <b>68.5</b> db	REPAIRER: 
	Speaker Noise Level: <b>80.6</b> db	
<b>B end</b>	Ambient Noise Level: <b>67.4</b> db	
	Speaker Noise Level: <b>81.4</b> db	

### EXTERIOR/INTERIOR SIGNS



A END					B END				
EXTERIOR END SIGN	F	<b>h</b>	<b>0</b>		EXTERIOR END SIGN	F	<b>h</b>	<b>0</b>	
EXTERIOR LEFT SIGN	F	<b>h</b>	<b>0</b>		EXTERIOR LEFT SIGN	F	<b>h</b>	<b>0</b>	
EXTERIOR RIGHT SIGN	F	<b>h</b>	<b>0</b>		EXTERIOR RIGHT SIGN	F	<b>h</b>	<b>0</b>	
INTERIOR SIGN	F	<b>h</b>	<b>0</b>		INTERIOR SIGN	F	<b>h</b>	<b>0</b>	

### BRIDGEPLATES

A END					B END				
A2 BRIDGEPLATE	F	<b>h</b>	<b>0</b>		B2 BRIDGEPLATE	F	<b>h</b>	<b>0</b>	
A3 BRIDGEPLATE	F	<b>h</b>	<b>0</b>		B3 BRIDGEPLATE	F	<b>h</b>	<b>0</b>	

### DOOR CLOSE WARNING DEVICES

A1 DOOR	F	<b>h</b>	<b>0</b>		B1 DOOR	F	<b>h</b>	<b>0</b>	
A2 DOOR	F	<b>h</b>	<b>0</b>		B2 DOOR	F	<b>h</b>	<b>0</b>	
A3 DOOR	F	<b>h</b>	<b>0</b>		B3 DOOR	F	<b>h</b>	<b>0</b>	

REPAIRER:  INITIALS: **dh** EMPLOYEE#: 

REPAIRER: \_\_\_\_\_ INITIALS: \_\_\_\_\_ EMPLOYEE#: \_\_\_\_\_

FOREPERSON:  EMPLOYEE #: 

1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.2 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>470748</b>	1.1.3 MILES BETWEEN INSP. <b>7042</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>4/13/2021</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 A
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ITEM NO.	DESCRIPTION	TASK	INITIALS	DEF. CODE	ITEM NO.	DESCRIPTION	TASK	INITIALS	DEF. CODE
<b>2.1 LIGHTING</b>					<b>2.4 INTERNAL CARBODY</b>				
2.1.1	HEADLIGHTS	FR	D	0	2.4.1	PANTO. FOOT PUMP	FR	D	0
2.1.2	TAIL LIGHTS	FR	D	0	2.4.2	PASS. STOP REQUEST	FR	D	0
2.1.3	TURN SIGNALS	FR	D	0	2.4.3	HANDICAP REQUEST	FR	D	0
2.1.4	MARKER LIGHTS, RED	FR	D	0	2.4.4	GLASS	VR	D	0
2.1.5	MARKER LIGHTS, GREEN	FR	D	0	2.4.5	SEATS, HAND RAILS	VR	D	2
2.1.6	EXT. DOOR LIGHTS	FR	D	0	2.4.6	GRAFITTI	V	D	0
2.1.7	END DESTINATION SIGNS	FR	D	0	2.4.7	BRIDGEPLATE SWITCHES	VFR	D	0
2.1.8	HANDICAP REQ LIGHTS- LED'S	FR	D	0	2.4.8	SAND BOX LEVEL	VR	D	2
2.1.9	DOOR OPENING, AMBER - LED'S	FR	D	0	2.4.9	CEILING PANEL BUTTONS (SECURE)	VR	D	2
2.1.10	PROP. DISABLE, BLUE - LED	FR	D	0	<b>2.5 HVAC - INTERIOR (BOTH ENDS)</b>				
2.1.11	INTERIOR LIGHTS	FR	D	2	2.5.1	FRESH & RETURN AIR FILTERS	R	D	1
2.1.12	STEPWELL LIGHTS	FR	D	0	2.5.2	RETURN AIR GRILLS & SCREENS	C	D	1
2.1.13	CAB LIGHTS	FR	D	2	<b>2.6 EXTERIOR CARBODY</b>				
2.1.14	PASS. STOP REQ. LIGHTS	FR	D	0	2.6.1	CREW SWITCH	FR	D	0
2.1.15	EMERGENCY LIGHTING FUNCTION	FR	D	0	2.6.2	EXT. DOOR MANUAL RELEASE	FR	D	0
<b>2.2 OPERATORS CAB</b>					2.6.3	EXT. BRIDGEPLATE REQUEST	FR	D	0
2.2.1	HORN	F	D	0	2.6.4	SIDE PANELS	V	D	0
2.2.2	GONG	F	D	0	<b>2.6.5 BRAKES PULL-OFF / RESET</b>	FRL	D	2	
2.2.3	HIGH/LOW BEAMS	FR	D	0	<b>2.7 DOORS &amp; BRIDGEPLATES</b>				
2.2.4	WINDSHIELD WIPERS	VFR	D	0	2.7.1	A-1 DOOR	VF	D	0
2.2.5	WINDSHIELD WASHER	F	D	2	2.7.2	A2 DOOR	VF	D	0
2.2.6	LAMP TEST	F	D	0	2.7.3	A-3 DOOR	VF	D	2
2.2.7	EMERG. STOP MUSHROOM SW.	F	D	0	2.7.4	B-1 DOOR	VF	D	2
2.2.8	DEADMAN HANDLE	F	D	0	2.7.5	B-2 DOOR	VF	D	0
2.2.9	SUNVISOR	V	D	0	2.7.6	B-3 DOOR	VF	D	0
2.2.10	CURTAIN	VR	D	0	2.7.7	A-2 BRIDGEPLATE	VF	D	0
2.2.11	FIRE EXTINGUISHER	VR	D	0	2.7.8	A-3 BRIDGEPLATE	VF	D	0
2.2.12	STRETCHER (A END ONLY)	VR	D	0	2.7.9	B-2 BRIDGEPLATE	VF	D	0
2.2.13	MIRRORS	VR	D	0	2.7.10	B-3 BRIDGEPLATE	VF	D	0
2.2.14	CAB DOOR (A & B)	VR	D	0	<b>2.8 EVENT RECORDER</b>				
2.2.15	PA	FR	D	0	2.8.1	VERIFY OPERATION WITH PTU	F	D	0
2.2.16	RADIO	FR	D	0	<b>2.9 SUMMING LINKAGE</b>				
2.2.17	PASSENGER INTERCOM	FR	D	0	2.9.1	VISUAL INSPECTION	V	D	0
2.2.18	COUPLE / UNCOUPLE	FR	D	0	2.9.2	LUBRICATE (CENTER FITTING ONLY)	L	D	1
2.2.19	PANTO. UP & DOWN	FR	D	0	2.9.3	4 TOP PLATE BOLTS (92 ft lbs torque)	VX	D	0
2.2.20	TRACK BRAKE / ROLL BACK	FR	D	0	2.9.4	3 BOTTOM BOLTS (20 ft lbs torque)	VX	D	0
2.2.21	SANDER - NORMAL ONE SIDE HILL CLIMB MODE BOTH SIDES	FR	D	0	<b>2.10 ROOF</b>				
2.2.22	DEFROSTER / CAB HEAT	FR	D	0	2.10.1	BRAKING RESISTORS	V	D	0
<b>2.3 BYPASS AND CUTOUT</b>					2.10.2	AC FANS, GRILLS, HARDWARE	V	D	0
2.3.1	NO MOTION (A AND B)	F	D	0	2.10.3	AIR COMPRESSOR, OIL LEVEL, LEAKS	VR	D	2
2.3.2	DOOR INTLK BYPASS (A AND B)	F	D	0	2.10.4	AIR COMPRESSOR DESICCANT	R	D	2
2.3.3	FRICTION BRAKE CUTOUTS (A,B,C)	F	D	0	2.10.5	CARBON STRIPS (REF GL-13-01MTP-8, Pg 13)	VR	D	2
2.3.4	TRACK BRAKE CUTOUT (A ONLY)	F	D	0	2.10.6	PANTO GREASE FITINGS	VL	D	1
2.3.5	SANDER CUTOUT (A END ONLY)	F	D	0	2.10.7	PANTO BREAKAWAY WELDS, ETC.	V	D	0
2.3.6	BRAKE INTLK BYPASS (A AND B)	F	D	0	2.10.8	PANTO TENSION (19 LBS)	A	D	0
2.3.7	TRUCK CUTOUT (A AND B)	F	D	0	2.10.9	TRACTION CABLE	VR	D	0
2.3.8	YELLOW OPTIC TAGS ON BRAKE CUTOUTS AND BRK INTLK BYPASS	VR	D	0	2.10.10	HI-VOLTAGE CABLE CLAMPS	VR	D	0
					2.10.11	APS COOLING FAN (NOISE/FUNCTION)	F	D	0
					2.10.12	APS EXTERNAL IND. (HVLINK & IVLINK)	F	D	0



1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>470748</b>	1.1.2 MILES BETWEEN INSP. <b>7042</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>4/13/2021</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	<b>#8 B</b>
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ITEM NO.	DESCRIPTION	TASK	INITIALS	DEF. CODE	ITEM NO.	DESCRIPTION	TASK	INITIALS	DEF. CODE
<b>2.11</b>	<b>A - TRUCK RECORD SERIAL NUMBER : 042</b>								
2.11.1	LATERAL SHOCK ABSORBER	V	DB	0	2.14.7	PARKING BRAKE RELEASE CHAIN	VLF	DB	2
2.11.2	PRIMARY SUSPENSION	V	DB	0	2.14.8	BRAKE PADS	VR	DB	0
2.11.3	HOSES	V	DB	0	2.14.9	BRAKE PAD LOCKING PINS	VR	DB	0
2.11.4	NITROGEN CARTARIDGE (LEAKS)	VF	DB	0	<b>2.15 C - TRUCK RECORD SERIAL NUMBER : 075</b>				
2.11.5	PILOT BAR	VR	DB	2	2.15.1	LATERAL SHOCK ABSORBER/ SCISSOR LINKAGE	V	DB	0
2.11.6	MEASURE - BOTTOM TO TOP OF RAIL	V	DB	0	2.15.2	PRIMARY SUSPENSION	V	DB	0
2.11.7	TRACTION MOTOR MOUNTS 2 PER AXLE	V	DB	0	2.15.3	HOSES	V	DB	0
2.11.8	GROUND BRUSHES / SHUNTS	VR	DB	2	2.15.4	T - HANGER	V	DB	0
2.11.9	MOTOR WIRING HARNESS	V	DB	0	2.15.5	VERTICAL / LONGITUDAL DAMPERS	V	DB	2
2.11.10	TRACK BRAKE HEIGHT	VA	DB	2	2.15.6	NITROGEN CARTARIDGE (LEAKS)	VF	DB	0
2.11.11	TRACK BRAKE SEGMENTS	VR	DB	0	2.15.7	LUBE CENTER PINS W/ MOBILUX EP2	L	DB	1
2.11.12	TRACK BRAKE WIRES	VR	DB	0	2.15.8	TOLLOK RING - VERIFY TORQUE STRIPE	V	DB	0
2.11.13	WHEEL SHUNTS	V	DB	0	2.15.9	AIR SPRINGS	V	DB	2
2.11.14	AIR SPRINGS	V	DB	2	<b>2.16 C - BRAKES</b>				
2.11.15	AIR SPRING TANK MOUNTS	VR	DB	0	2.16.1	HPCU (ELECTRICAL CONN.)	V	DB	0
2.11.16	WHEEL FLANGE FRICTION MOD (IF PRESENT)	VR			2.16.2	HPCU (HOSES)	VR	DB	0
<b>2.12</b>	<b>A - BRAKES</b>				2.16.3	HPCU (OIL LEVEL)	VS	DB	0
2.12.1	HPCU (LEAKS)	VRS	DB	0	2.16.4	BRAKE CALIPERS	VF	DB	2
2.12.2	HPCU (ELECTRICAL CONN.)	V	DB	0	2.16.5	BRAKE DISC	V	DB	0
2.12.3	HPCU (HOSES)	VR	DB	0	2.16.6	PARKING BRAKE RELEASE	VF	DB	0
2.12.4	HPCU (OIL LEVEL)	VS	DB	0	2.16.7	BRAKE PADS	VR	DB	0
2.12.5	BRAKE CALIPERS	VF	DB	2	2.16.8	BRAKE PAD LOCKING PINS	VR	DB	0
2.12.6	BRAKE DISC	V	DB	0	<b>2.19 TIRE CONDITION ALL AXLES</b>				
2.12.7	PARKING BRAKE RELEASE CHAIN	VLF	DB	2	2.19.4	FLAT SPOTS in excess of 1 1/2"	V	DB	0
2.12.8	BRAKE PADS	VR	DB	0	2.19.8	SPALLING or SHELLED TREAD	V	DB	0
2.12.9	BRAKE PAD LOCKING PINS	VR	DB	0	<b>2.17 COUPLERS</b>				
<b>2.13</b>	<b>B - TRUCK RECORD SERIAL NUMBER : 185</b>				2.17.1	<b>A - END</b>	VR		
2.13.1	LATERAL SHOCK ABSORBER	V	DB	0	2.17.1.1	CENTERING CYLINDERS	VR	DB	0
2.13.2	PRIMARY SUSPENSION	V	DB	0	2.17.1.2	NEGATING VALVE	VR	DB	0
2.13.3	HOSES	V	DB	0	2.17.1.3	TAPPET VALVE	VR	DB	0
2.13.4	NITROGEN CARTARIDGE (LEAKS)	VF	DB	0	2.17.1.4	PINS	VR	DB	2
2.13.5	PILOT BAR	VR	DB	0	2.17.1.5	AIR LEAKS & OVERALL CONDITION	VR	DB	2
2.13.6	MEASURE - BOTTOM TO TOP OF RAIL	V	DB	0	2.17.1.6	MOUNTING BOLTS	VR	DB	0
2.13.7	TRACTION MOTOR MOUNTS 2 PER AXLE	V	DB	0	2.17.1.7	HEIGHT ADJ. SCREWS, SHOCKS	VR	DB	0
2.13.8	GROUND BRUSHES / SHUNTS	VR	DB	0	<b>2.17.2 B - END</b>				
2.13.9	MOTOR WIRING HARNESS	V	DB	0	2.17.2.1	CENTERING CYLINDERS	VR	DB	0
2.13.10	TRACK BRAKE HEIGHT	VA	DB	2	2.17.2.2	NEGATING VALVE	VR	DB	0
2.13.11	TRACK BRAKE SEGMENTS	VR	DB	0	2.17.2.3	TAPPET VALVE	VR	DB	0
2.13.12	TRACK BRAKE WIRES	VR	DB	0	2.17.2.4	PINS	VR	DB	2
2.13.13	WHEEL SHUNTS	V	DB	0	2.17.2.5	AIR LEAKS & OVERALL CONDITION	VR	DB	2
2.13.14	AIR SPRINGS	V	DB	2	2.17.2.6	MOUNTING BOLTS	VR	DB	0
2.13.15	AIR SPRING TANK MOUNTS	VR	DB	0	2.17.2.7	HEIGHT ADJ. SCREWS, SHOCKS	VR	DB	0
2.13.16	WHEEL FLANGE FRICTION MOD (IF PRESENT)	VR			<b>2.18 BATTERIES Fill in BATTERY INSPECTION REPORT form</b>				
<b>2.14</b>	<b>B - BRAKES</b>				2.18.1	WATER LEVEL (DEIONIZED WATER) FILLED TO MAX. LINE	VS	DB	0
2.14.1	HPCU (LEAKS)	VRS	DB	0	2.18.2	VENT CAPS	VR	DB	0
2.14.2	HPCU (ELECTRICAL CONN.)	V	DB	0	2.18.3	GENERAL CONDITION	V	DB	2
2.14.3	HPCU (HOSES)	VR	DB	0	2.18.4	BATT. VOLTAGE (37.5V)	F	DB	0
2.14.4	HPCU (OIL LEVEL)	VS	DB	0	2.18.5	BATTERY CIRCUIT BREAKER BUTTON	FR	DB	0
2.14.5	BRAKE CALIPERS	VF	DB	0	2.18.6	EMRGENCY PANTOGRAPH DOWN	FR	DB	0
2.14.6	BRAKE DISC	V	DB	0					

# BATTERY INSPECTION REPORT - No. 8 LFC

See GL-06-01MTP-8 document for proper inspection procedure

CAR NUMBER: **03862**

Charging Current: 100mA (must be <500mA before voltages can be measured)

DATE: **4/13/2021**

BATTERY VOLTAGE: 37VDC

Average Cell Voltage (Battery Voltage/25): 1.48

Torque Value Non-Insulated Bolts... 18 to 19 lb-ft

Torque Value Insulated Bolts... 15 lb-ft

Pass/Fail ± 80 mv

Cell Temperature: 66 °F

THERMAL C/O SWITCH 6 SECOND CUTOUT (O = OK / R = Replace) - 140 to 160°F: R

(-) Cell 25	Cell Voltage <u>1.49</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 16	Cell Voltage <u>1.47</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 15	Cell Voltage <u>1.47</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 6	Cell Voltage <u>1.49</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 5	Cell Voltage <u>1.48</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell 24	Cell Voltage <u>1.49</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 17	Cell Voltage <u>1.48</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 14	Cell Voltage <u>1.49</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 7	Cell Voltage <u>1.48</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 4	Cell Voltage <u>1.48</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell 23	Cell Voltage <u>1.48</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 18	Cell Voltage <u>1.49</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 13	Cell Voltage <u>1.49</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 8	Cell Voltage <u>1.49</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 3	Cell Voltage <u>1.48</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell 22	Cell Voltage <u>1.48</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 19	Cell Voltage <u>1.49</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 12	Cell Voltage <u>1.48</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 9	Cell Voltage <u>1.49</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 2	Cell Voltage <u>1.49</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell 21 (front)	Cell Voltage <u>1.48</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 20	Cell Voltage <u>1.49</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 11	Cell Voltage <u>1.48</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 10	Cell Voltage <u>1.46</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 1 (+)	Cell Voltage <u>1.47</u> Torque - <u>0/+</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>
	Tray 1 of 5 S/N <u>Soft N/A</u>		Tray 2 of 5 S/N <u>N/A</u>		Tray 3 of 5 S/N <u>N/A</u>		Tray 4 of 5 S/N <u>N/A</u>		Tray 5 of 5 S/N <u>N/A</u>

Cell Voltage (Vdc), Torque (O=OK, N=Not OK); Electrolyte Level (in inches with respect to Max Level, fill to 1/2" above); Vent Cap (O = OK, N = Not OK)

GENERAL REMARKS: (Record any unusual conditions such as excessive Potassium Carbonate Salt build up and/or highlight any out of tolerance measurements)

Thermal cut off switch in op

Has the set been cleaned, thread lock applied to bolts, torqued, torque stripped and corrosion block applied (  ) yes ( ) no

Note: When checking cell voltages, if cells are outside specification. Recheck and be certain a good galvanic connection is made.

DUPLICATED FROM FILE: GL-06-01MTP-8.doc

1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>470748</b>	1.1.2 MILES BETWEEN INSP. <b>7042</b>	1.1.4 LOCATION Reservoir	1.1.5 DATE (MM/DD/YY) <b>4/13/2021</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 D
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ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
1.	Battery thermal cut-out switch in-op	<del>X</del>		AK
2.	#1 gearbox fill bolt leaks	<del>X</del>		DB
3.	A Pilot bar (L) small cable broken	X		LO/m
4.	(A&B) ground brushes (remove) for inspection by a foreman	<del>X</del>		ST Jan
5.	(A&B) remove ground brush boxes for inspection by a foreman	<del>X</del>		ST Jan
6.	A - (R) track brake low	<del>X</del>		AK
7.	A - Lube leveling rods.	<del>X</del>		DB
8.	#1 caliper bushings worn		X	SPS
9.	#1 PBR lever loose	<del>X</del>		DB
10.	#2 caliper leaks	<del>X</del>		DB
11.	#2 PBR lever loose	<del>X</del>		DB
12.	#2 PBR chain pin jammed into split ring	<del>X</del>		DB
13.	A - coupler head pins dirty.	<del>X</del>		DB
14.	A - coupler manual release handle loose	<del>X</del>		DB
15.	A - coupler lg. air line wearing on car body underside.	<del>X</del>		DB
16.	A - Air leak (iron connection) @ uncouple solenoid (yellow ziptie)	<del>X</del>		DB

Vehicle Released By: [REDACTED] Date of Release & MCRS Entry: 4/16/21  
Rev. IP-0019A Date: 12/11/15 8:12 PM



1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>470748</b>	1.1.2 MILES BETWEEN INSP. <b>7042</b>	1.1.4 LOCATION Reservoir	1.1.5 DATE (MM/DD/YY) <b>4/13/2021</b>
1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO. 1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE					
DISCREPANCY SHEET    DISCREPANCY SHEET    DISCREPANCY SHEET    DISCREPANCY SHEET    DISCREPANCY SHEET					
1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED		#8 D

ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
17.	B-(R) track brake low.	<del>X</del>		MRM
18.	B-(L) Airbag split.		<del>X</del>	JPS
19.	B-Lube leveling rods.	<del>X</del>		DB
20.	B-HPCU ground shunt damaged.	X		LO'm
21.	B-HPCU lower pan loose.	X		LO'm
22.	#5 PBR lever loose	X		LO'm
23.	#5 cal. brake pad lock pins worn	X		LO'm
24.	#6 cal. brake pad lock pins worn.	X		LO'm
25.	B-coupler head pins dirty.	<del>X</del>		MRM
26.	B-coupler ① 15 1/2	<del>X</del>		NH
27.	B-coupler lg. outline wearing on carbody underside.	<del>X</del>		LO'm
28.	C-ground shunt (L) of C-HPCU N/G	X		LO'm
29.	C-(L) leveling rod / lower end worn	X		LO'm
30.	C-lube leveling rods after repair.	X		LO'm
31.	C-(R) Anti-pitch rod has play	<del>X</del>		DB
32.	3L Slide boot loose	<del>X</del>		NR
33.	4L caliper leaks		<del>X</del>	SJS
34.	3R caliper leaks		<del>X</del>	SJS
35.	4R top (L) slide boot loose	<del>X</del>		NH
36.	4R lower (L) slide boot split.	<del>X</del>		NH
37.	C-1 of 4 brakes (BS) did not indicate	<del>X</del>		PN
38.	C-flashing 'R' after pull off test.	<del>X</del>		PN

Vehicle Released By: [REDACTED]

Date of Release & MCRS Entry: 4/16/21

1.0 TYPE 8 LFC INSPECTION FORM PART 1  
 1.1.1 CAR NO. **03862**  
 1.1.2 MILEAGE **470748**  
 1.1.2 MILES BETWEEN INSP. **7042**  
 1.1.4 LOCATION **Reservoir**  
 1.1.5 DATE (MM/DD/YY) **4/13/2021**

1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
 1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET

1.3 INSPECTION CODES  
 1.3.1 TASK  
 V - VISUAL INSPECTION  
 F - FUNCTION CHECK  
 A - ADJUST  
 R - REPAIR OR REPLACE  
 L - LUBRICATE  
 C - CLEAN  
 S - SERVICE  
 E - ENGINEERING  
 1.3.2 DEFECT CODE  
 0 - NO DEFECT  
 1 - DEFECT REPAIRED  
 2 - DEFECT DEFERRED  
 3 - DOWNLOADED  
 #8  
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ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
1	A - CALIBRATE SPEEDOMETER	<del>X</del>		JRB
2	B - " "	<del>X</del>		JRB
3	A - CAB DASH LT OUT	<del>X</del>		JRB
4	A - END SIGN TRANSOM COVER; SAFETY	X		JD
-	BUTTON DN.	-	-	-
5	A - CAB HVAC DIFFUSER NEEDS ADJ.	<del>X</del>		JRB
6	A. WIPER WASHER IN-OP	X		JRB
7	A - SEAT BOTT. CUT (1)		X	JPS
8	A - FIXED PLEXIGLASS PANEL VERY LOOSE	<del>X</del>		JRB
9	A-3 TRANSOM HARD TO OPEN/ADJ.	X		JD
10	A-3 DOOR CUT-OUT VERY TIGHT	X		JD
11	A - WIPER FLUID LOW	X		JD
12	B - CAB DASH LT OUT	<del>X</del>		JRB
13	B - CAB DASH GRAB BAR LOOSE	<del>X</del>		JRB
14	B - CAB FIXED PLEXIGLASS PANEL NOT	<del>X</del>		JRB
-	SECURED	-	-	-
15	B - CEIL. LT OUT	X		JD
16	B - SEAT BOTT'S CUT (3)		X	JPS
17	B-1 DOOR HINGE SCREWS LOOSE	X		JD
18	B - WIPER FLUID LOW	X		JD
19	B - SAND LOW	<del>X</del>		JRB
20	C - BRAKE X/O W/O INDICATION	<del>X</del>		PN
21	C - BRAKE BLINKING "R"	<del>X</del>		PN

Vehicle Released By : \_\_\_\_\_

Date of Release & MCRS Entry: 4/16/21





# Quality Control Inspection Report

Name	[REDACTED]		
Badge:	[REDACTED]		
Car Number	862		
Date of Inspection	4/13/21		
Date of QC Report	4/29/21		
<input checked="" type="checkbox"/> Inspection cover sheet properly completed.			
<input checked="" type="checkbox"/> Car No. & mileage	<input checked="" type="checkbox"/> Signatures	<input checked="" type="checkbox"/> Names & badge numbers	
<input checked="" type="checkbox"/> Wheel Inspection Sheet completed.	<input checked="" type="checkbox"/> Sheet heading info		
<input checked="" type="checkbox"/> All measurements	<input checked="" type="checkbox"/> Signature		
<input checked="" type="checkbox"/> Inspection Material's list Completed	<input checked="" type="checkbox"/> Sheet heading info		
<input checked="" type="checkbox"/> Parts Used & Scanned	<input checked="" type="checkbox"/> Parts MCRS charged		
<input checked="" type="checkbox"/> ADA Sheet Completed.	<input checked="" type="checkbox"/> Sheet heading info		
<input checked="" type="checkbox"/> All measurements	<input checked="" type="checkbox"/> Inspector info	<input checked="" type="checkbox"/> Signature	
<input checked="" type="checkbox"/> Vehicle Inspection sheets A, B, C*, D* & F* (* Type 7 only)			
<input checked="" type="checkbox"/> Sheet heading info	<input checked="" type="checkbox"/> Initials completed	<input checked="" type="checkbox"/> Defect code completed	<input checked="" type="checkbox"/> in order
<input checked="" type="checkbox"/> Discrepancy Sheets properly filled	<input checked="" type="checkbox"/> Sheet heading info		
<input checked="" type="checkbox"/> All items repaired, serviced & closed	<input checked="" type="checkbox"/> Initials completed	<input checked="" type="checkbox"/> Work MCRS charged	
<input checked="" type="checkbox"/> Battery Insp report completed (Type 8 only)	<input checked="" type="checkbox"/> Sheet heading info		
<input checked="" type="checkbox"/> All measurements	<input checked="" type="checkbox"/> Levels		
Comments:			

Attach document to back of Inspection Report when complete

Signature \_\_\_\_\_



**MASSACHUSETTS  
BAY  
TRANSPORTATION  
AUTHORITY**

**LIGHT RAIL EQUIPMENT MAINTENANCE  
LFC #8 VEHICLE INSPECTION REPORT**

**#8**

**Date:** 7/8/2021

**Inspection Location:** Reservoir

**Car No:** 03862

**Current Mileage:** 475800

**Mileage at Last Inspection:** 475800

**Mileage Between Inspections:** 0



**Signature of Foreperson (s):**

**Employee Number (s):**

*[Handwritten signature]*  
[Redacted]

**Work Item: Y.8M  
Action Code: 35  
Maint. Type: N**

**Name (s) of Repairperson (s):**

**Initials**

**Employee Number (s):**

[Redacted]

**Comments:** OB Insp: Good for 34336

**Additional Discrepancies Corrected on Inspection:** \_\_\_\_\_

**Maintenance Deferred:** \_\_\_\_\_

**2.19 WHEEL INSPECTION RECORD**

**#8**

Complete and file with each 90 day inspection.

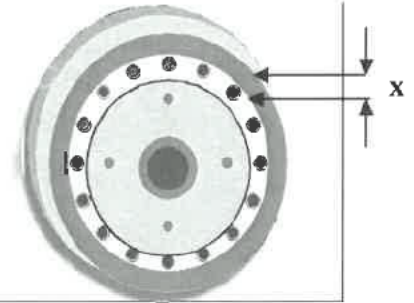
Car No.: 03862

Date: 7/8/2021

Mileage: 475800

**2.19.1 Flange Height**

	>5/8"	<5/8"	<1/2"		>5/8"	<5/8"	<1/2"
L1	/			R1	/		
L2	/			R2	/		
L3	/			R3	/		
L4	/			R4	/		
L5	/			R5	/		
L6	/			R6	/		



Measure (x) from inside edge of tire to outer edge of tire tread as shown.

**2.19.2 Flange Width**

**2.19.3 Wheel Diameter**

Pass		Fail	Pass		Fail	Measurement		Measurement		Dia. Formulas		
L1	/		R1	/		L1	2	28	R1		2	28
L2	/		R2	/		L2	2	28	R2	2	28	
L3	/		R3	/		L3	2 1/4	26	R3	2 1/4	26	For Ctr. Truck (10.8" + x) 2 (see below for x)
L4	/		R4	/		L4	2 1/4	26	R4	2 1/4	26	
L5	/		R5	/		L5	2 1/8	28	R5	2 1/8	28	
L6	/		R6	/		L6	2 1/8	28	R6	2 1/8	28	
						X	Dia.		X	Dia.		

**2.19.5 Back Angle / Flange Angle (By Engineer)**

Pass	Fail	Pass	Fail
L1	/	R1	/
L2	/	R2	/
L3	/	R3	/
L4	/	R4	/
L5	/	R5	/
L6	/	R6	/

Flange Angle		Flange Angle	
L1	.745" / 73.21°	R1	.764" / 72.75°
L2	.742" / 72.58°	R2	.755" / 72.19°
L3	.787" / 76.58°	R3	.778" / 76.58°
L4	.785" / 76.21°	R4	.775" / 76.53°
L5	.737" / 73.95°	R5	.744" / 72.95°
L6	.767" / 72.47°	R6	.756" / 74.27°

Emp. # [Redacted]

Sig: [Redacted]

**2.19.6 Back to Back Measurement**

(54 3/16" nominal ± 1/16")

Axle # Measurement 1 Measurement 2

1	54 3/16	54 3/16
2	54 3/16	54 3/16
3	54 3/16	54 3/16
4	54 3/16	54 3/16
5	54 3/16	54 3/16
6	54 3/16	54 3/16

measure each axle set in two places opposite each measurement location

**2.19.7 Wheel Diameter Update**

Truck Current Wheel Dia. Updated Wheel Dia.

A	28.00"	28.00"
B	28.00"	28.00"
C	26.00"	26.00"

Repairperson: [Redacted]

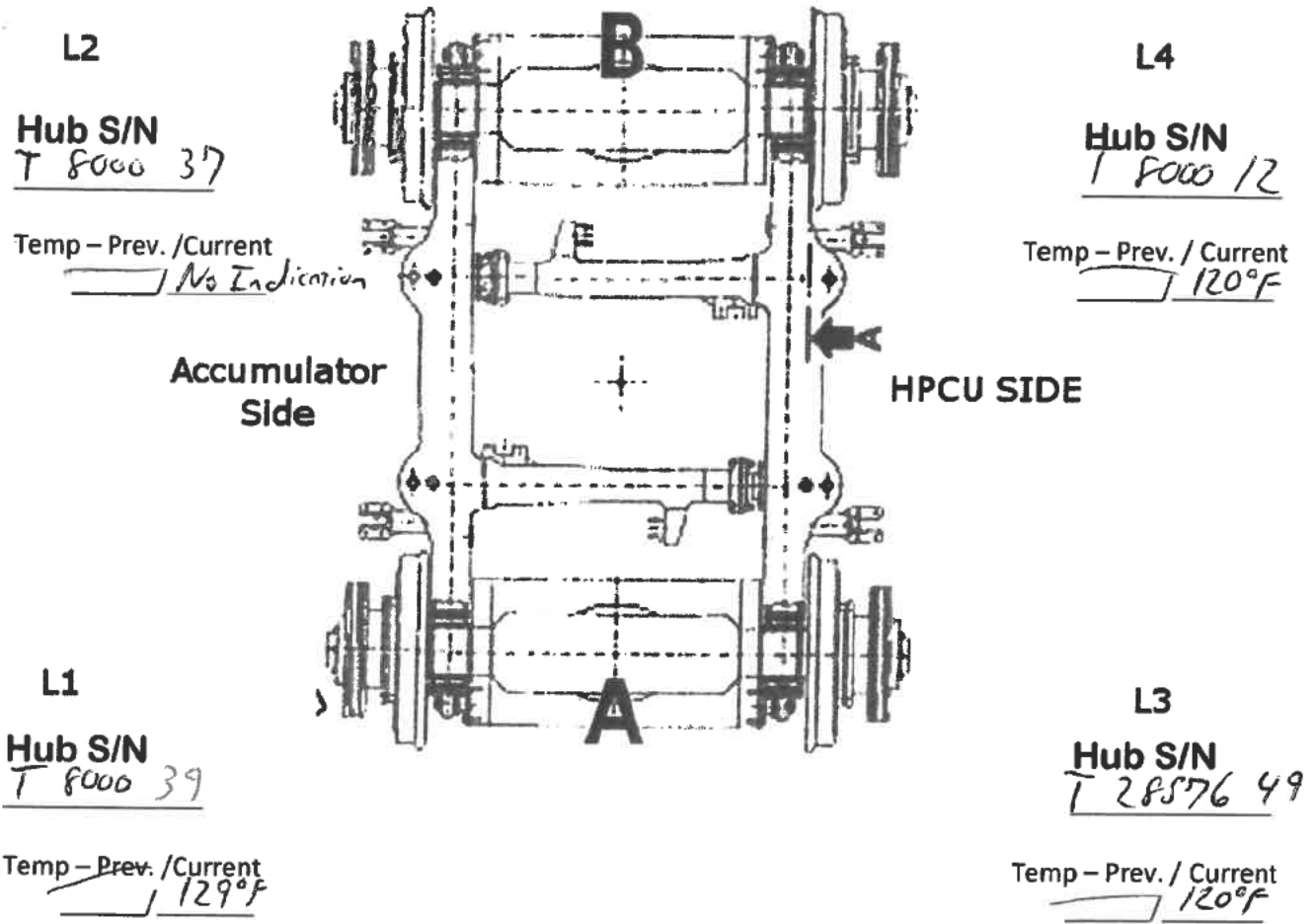
Foreperson: [Redacted]



# Type 8 Center Wheel Bearing Inspection

Car Number 3862 Truck S/N TT 075

Inspection Date 7-08-21



This inspection is to be completed at the 90 Day inspection for the vehicle. Please verify (if present) or record the hub serial numbers. Also record the temperature sticker reading for each hub.



1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>475800</b>	1.1.3 MILES BETWEEN INSP. <b>0</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>7/8/2021</b>
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1.2 INSTRUCTIONS

ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE ADA COMPLIANCE

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED	<b>#8 ADA</b>
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2.0 90 DAY INSPECTION

## GREEN LINE EQUAL ACCESS INSPECTION

### ANNOUNCEMENT SOUND LEVELS

<b>A end</b>	Ambient Noise Level:	db	<b>69</b>	REPAIRER:
	Speaker Noise Level:	db	<b>78</b>	
<b>B end</b>	Ambient Noise Level:	db	<b>70</b>	
	Speaker Noise Level:	db	<b>77</b>	

### EXTERIOR/INTERIOR SIGNS

A END				B END			
EXTERIOR END SIGN	F	<i>mt</i>	<b>0</b>	EXTERIOR END SIGN	F	<i>mt</i>	<b>0</b>
EXTERIOR LEFT SIGN	F	<i>mt</i>	<b>0</b>	EXTERIOR LEFT SIGN	F	<i>mt</i>	<b>0</b>
EXTERIOR RIGHT SIGN	F	<i>mt</i>	<b>0</b>	EXTERIOR RIGHT SIGN	F	<i>mt</i>	<b>0</b>
INTERIOR SIGN	F	<i>mt</i>	<b>0</b>	INTERIOR SIGN	F	<i>mt</i>	<b>0</b>

### BRIDGEPLATES

A END				B END			
A2 BRIDGEPLATE	F	<i>mt</i>	<b>2</b>	B2 BRIDGEPLATE	F	<i>mt</i>	<b>2</b>
A3 BRIDGEPLATE	F	<i>mt</i>	<b>2</b>	B3 BRIDGEPLATE	F	<i>mt</i>	<b>2</b>

### DOOR CLOSE WARNING DEVICES

A1 DOOR	F	<i>mt</i>	<b>0</b>	B1 DOOR	F	<i>mt</i>	<b>0</b>
A2 DOOR	F	<i>mt</i>	<b>0</b>	B2 DOOR	F	<i>mt</i>	<b>0</b>
A3 DOOR	F	<i>mt</i>	<b>0</b>	B3 DOOR	F	<i>mt</i>	<b>0</b>

REPAIRER: INITIALS: EMPLOYEE#:

REPAIRER: \_\_\_\_\_ INITIALS: \_\_\_\_\_ EMPLOYEE#: \_\_\_\_\_

FOREPERSON: EMPLOYEE #:



**BATTERY INSPECTION REPORT - No. 8 LFC**  
**See GL-06-01MTP-8 document for proper inspection procedure**

CAR NUMBER: **03862**      Charging Current: 0mA (must be <500mA before voltages can be measured)  
 DATE: **7/18/2021**      BATTERY VOLTAGE: 37.6pc      Average Cell Voltage (Battery Voltage/25): 1.486pc (Pass)      Fail ± 80 mV (1.400-1.560)  
 Torque Value Non- Insulated Bolts.... 18 to 19 lb-ft      Torque Value Insulated Bolts.... 1.5 lb-ft  
 Cell Temperature: 78 °F      THERMAL C/O SWITCH 6 SECOND CUTOFF (O = OK / R = Replace) - 140 to 160°F: 0

(-) Cell 25 (Rear)	Cell Voltage <u>1.47</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 16	Cell Voltage <u>1.47</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 15	Cell Voltage <u>1.47</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 6	Cell Voltage <u>1.49</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 5	Cell Voltage <u>1.48</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell 24	Cell Voltage <u>1.49</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 17	Cell Voltage <u>1.48</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 14	Cell Voltage <u>1.47</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 7	Cell Voltage <u>1.48</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 4	Cell Voltage <u>1.48</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell 23	Cell Voltage <u>1.48</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 18	Cell Voltage <u>1.50</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 13	Cell Voltage <u>1.49</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 8	Cell Voltage <u>1.48</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 3	Cell Voltage <u>1.47</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell 22	Cell Voltage <u>1.48</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 19	Cell Voltage <u>1.49</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 12	Cell Voltage <u>1.47</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 9	Cell Voltage <u>1.46</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 2	Cell Voltage <u>1.48</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>
Cell 21 (front)	Cell Voltage <u>1.48</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 20	Cell Voltage <u>1.48</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 11	Cell Voltage <u>1.48</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 10	Cell Voltage <u>1.47</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>	Cell 1 (+)	Cell Voltage <u>1.47</u> Torque - /+ <u>0</u> Electrolyte Level <u>0</u> Vent Cap <u>0</u>
	Tray 1 of 5 S/N <u>?</u>		Tray 2 of 5 S/N <u>?</u>		Tray 3 of 5 S/N <u>?</u>		Tray 4 of 5 S/N <u>?</u>		Tray 5 of 5 S/N <u>?</u>

Cell Voltage (Vdc), Torque (O = OK, N = Not OK); Electrolyte Level (in inches with respect to Max Level, fill to 1/4" above); Vent Cap (O = Ok, N = Not Ok)  
 GENERAL REMARKS: (Record any unusual conditions such as excessive Potassium Carbonate Salt build up and/or highlight any out of tolerance measurements)

Has the set been cleaned, thread lock applied to bolts, torqued, torque stripped and corrosion block applied ( ) yes ( ) no  
 Note: When checking cell voltages, if cells are outside specification. Recheck and be certain a good galvanic connection is made.

DUPLICATED FROM FILE: GL-06-01MTP-8.doc

1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.2 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>475800</b>	1.1.3 MILES BETWEEN INSP. <b>0</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>7/8/2021</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 A
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ITEM NO.	DESCRIPTION	TASK	INITALS	DEF. CODE	ITEM NO.	DESCRIPTION	TASK	INITALS	DEF. CODE
<b>2.1</b>	<b>LIGHTING</b>				<b>2.4</b>	<b>INTERNAL CARBODY</b>			
2.1.1	HEADLIGHTS	FR	nl	0	2.4.1	PANTO. FOOT PUMP	FR	nl	0
2.1.2	TAIL LIGHTS	FR	nl	0	2.4.2	PASS. STOP REQUEST	FR	nl	2
2.1.3	TURN SIGNALS	FR	nl	0	2.4.3	HANDICAP REQUEST	FR	nl	0
2.1.4	MARKER LIGHTS, RED	FR	nl	0	2.4.4	GLASS	VR	nl	2
2.1.5	MARKER LIGHTS, GREEN	FR	nl	0	2.4.5	SEATS, HAND RAILS	VR	nl	2
2.1.6	EXT. DOOR LIGHTS	FR	nl	2	2.4.6	GRAFITTI	V	nl	0
2.1.7	END DESTINATION SIGNS	FR	nl	0	2.4.7	BRIDGEPLATE SWITCHES	VFR	nl	0
2.1.8	HANDICAP REQ LIGHTS- LED'S	FR	nl	0	2.4.8	SAND BOX LEVEL	VR	nl	2
2.1.9	DOOR OPENING, AMBER - LED'S	FR	nl	0	2.4.9	CEILING PANEL BUTTONS (SECURE)	VR	nl	0
2.1.10	PROP. DISABLE, BLUE - LED	FR	nl	2	<b>2.5</b>	<b>HVAC - INTERIOR (BOTH ENDS)</b>			
2.1.11	INTERIOR LIGHTS	FR	nl	2	2.5.1	FRESH & RETURN AIR FILTERS	R	nl	0
2.1.12	STEPWELL LIGHTS	FR	nl	2	2.5.2	RETURN AIR GRILLS & SCREENS	C	nl	0
2.1.13	CAB LIGHTS	FR	nl	0	<b>2.6</b>	<b>EXTERIOR CARBODY</b>			
2.1.14	PASS. STOP REQ. LIGHTS	FR	nl	2	2.6.1	CREW SWITCH	FR	nl	0
2.1.15	EMERGENCY LIGHTING FUNCTION	FR	nl	0	2.6.2	EXT. DOOR MANUAL RELEASE	FR	nl	0
<b>2.2</b>	<b>OPERATORS CAB</b>				2.6.3	EXT. BRIDGEPLATE REQUEST	FR	nl	0
2.2.1	HORN	F	nl	0	2.6.4	SIDE PANELS	V	nl	0
2.2.2	GONG	F	nl	0	2.6.5	BRAKES PULL-OFF / RESET	FRL	nl	0
2.2.3	HIGH/LOW BEAMS	FR	nl	0	<b>2.7</b>	<b>DOORS &amp; BRIDGEPLATES</b>			
2.2.4	WINDSHIELD WIPERS	VFR	nl	0	2.7.1	A-1 DOOR	VF	nl	2
2.2.5	WINDSHIELD WASHER	F	nl	0	2.7.2	A2 DOOR	VF	nl	2
2.2.6	LAMP TEST	F	nl	0	2.7.3	A-3 DOOR	VF	nl	2
2.2.7	EMERG. STOP MUSHROOM SW.	F	nl	0	2.7.4	B-1 DOOR	VF	nl	0
2.2.8	DEADMAN HANDLE	F	nl	0	2.7.5	B-2 DOOR	VF	nl	0
2.2.9	SUNVISOR	V	nl	0	2.7.6	B-3 DOOR	VF	nl	0
2.2.10	CURTAIN	VR	nl	0	2.7.7	A-2 BRIDGEPLATE	VF	nl	2
2.2.11	FIRE EXTINGUISHER	VR	nl	2	2.7.8	A-3 BRIDGEPLATE	VF	nl	2
2.2.12	STRETCHER (A END ONLY)	VR	nl	0	2.7.9	B-2 BRIDGEPLATE	VF	nl	2
2.2.13	MIRRORS	VR	nl	0	2.7.10	B-3 BRIDGEPLATE	VF	nl	2
2.2.14	CAB DOOR (A & B)	VR	nl	0	<b>2.8</b>	<b>EVENT RECORDER</b>			
2.2.15	PA	FR	nl	0	2.8.1	VERIFY OPERATION WITH PTU	F	FC	0
2.2.16	RADIO	FR	nl	2	<b>2.9</b>	<b>SUMMING LINKAGE</b>			
2.2.17	PASSENGER INTERCOM	FR	nl	0	2.9.1	VISUAL INSPECTION	V	nl	0
2.2.18	COUPLE / UNCOUPLE	FR	nl	0	2.9.2	LUBRICATE (CENTER FITTING ONLY)	L	nl	0
2.2.19	PANTO. UP & DOWN	FR	nl	0	2.9.3	4 TOP PLATE BOLTS (92 ft lbs torque)	VA	nl	0
2.2.20	TRACK BRAKE / ROLL BACK	FR	nl	0	2.9.4	3 BOTTOM BOLTS (20 ft lbs torque)	VA	nl	0
2.2.21	SANDER - NORMAL ONE SIDE HILL CLIMB MODE BOTH SIDES	FR	nl	0	<b>2.10</b>	<b>ROOF</b>			
2.2.22	DEFROSTER / CAB HEAT	FR	nl	2	2.10.1	BRAKING RESISTORS	V	nl	0
<b>2.3</b>	<b>BYPASS AND CUTOUT</b>				2.10.2	AC FANS, GRILLS, HARDWARE	V	nl	2
2.3.1	NO MOTION (A AND B)	F	nl	0	2.10.3	AIR COMPRESSOR, OIL LEVEL, LEAKS	VR	nl	2
2.3.2	DOOR INTLK BYPASS (A AND B)	F	nl	0	2.10.4	AIR COMPRESSOR DESICCANT	R	nl	2
2.3.3	FRICTION BRAKE CUTOUTS (A,B,C)	F	nl	0	2.10.5	CARBON STRIPS (REF GL-13-01MTP-8, Pg 13)	VR	nl	0
2.3.4	TRACK BRAKE CUTOUT (A ONLY)	F	nl	0	2.10.6	PANTO GREASE FITINGS	VL	nl	0
2.3.5	SANDER CUTOUT (A END ONLY)	F	nl	0	2.10.7	PANTO BREAKAWAY WELDS, ETC.	V	nl	0
2.3.6	BRAKE INTLK BYPASS (A AND B)	F	nl	0	2.10.8	PANTO TENSION (19 LBS)	A	nl	0
2.3.7	TRUCK CUTOUT (A AND B)	F	nl	0	2.10.9	TRACTION CABLE	VR	nl	0
2.3.8	YELLOW OPTIC TAGS ON BRAKE CUTOUTS AND BRK INTLK BYPASS	VR	nl	0	2.10.10	HI-VOLTAGE CABLE CLAMPS	VR	nl	0
					2.10.11	APS COOLING FAN (NOISE/FUNCTION)	F	nl	0
					2.10.12	APS EXTERNAL IND. (HVLINK & IVLINK)	F	nl	0

1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>475800</b>	1.1.2 MILES BETWEEN INSP. <b>0</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>7/8/2021</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	<b>#8 B</b>
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ITEM NO.	DESCRIPTION	TASK	INITALS	DEF. CODE	ITEM NO.	DESCRIPTION	TASK	INITALS	DEF. CODE
2.11	<b>A - TRUCK RECORD SERIAL NUMBER: MT 042</b>								
2.11.1	LATERAL SHOCK ABSORBER	V	Dev	0	2.14.7	PARKING BRAKE RELEASE CHAIN	VLF	Dev	2
2.11.2	PRIMARY SUSPENSION	V	Dev	0	2.14.8	BRAKE PADS	VR	Dev	0
2.11.3	HOSES	V	Dev	2	2.14.9	BRAKE PAD LOCKING PINS	VR	Dev	0
2.11.4	NITROGEN CARTARIDGE (LEAKS)	VF	Dev	0	2.15	<b>C - TRUCK RECORD SERIAL NUMBER: 075</b>			
2.11.5	PILOT BAR	VR	Dev	0	2.15.1	LATERAL SHOCK ABSORBER/ SCISSOR LINKAGE	V	Dev	0
2.11.6	MEASURE - BOTTOM TO TOP OF RAIL	V	Dev	0	2.15.2	PRIMARY SUSPENSION	V	Dev	0
2.11.7	TRACTION MOTOR MOUNTS 2 PER AXLE	V	Dev	0	2.15.3	HOSES	V	Dev	2
2.11.8	GROUND BRUSHES / SHUNTS	VR	Dev	0	2.15.4	T - HANGER	V	Dev	0
2.11.9	MOTOR WIRING HARNESS	V	Dev	0	2.15.5	VERTICAL / LONGITUDAL DAMPERS	V	Dev	2
2.11.10	TRACK BRAKE HEIGHT	VA	Dev	2	2.15.6	NITROGEN CARTARIDGE (LEAKS)	VF	Dev	0
2.11.11	TRACK BRAKE SEGMENTS	VR	Dev	0	2.15.7	LUBE CENTER PINS W/ MOBILUX EP2	L	Dev	1
2.11.12	TRACK BRAKE WIRES	VR	Dev	0	2.15.8	TOLLOK RING - VERIFY TORQUE STRIPE	V	Dev	0
2.11.13	WHEEL SHUNTS	V	Dev	0	2.15.9	AIR SPRINGS	V	Dev	0
2.11.14	AIR SPRINGS	V	Dev	0	2.16	<b>C - BRAKES</b>			
2.11.15	AIR SPRING TANK MOUNTS	VR	Dev	0	2.16.1	HPCU (ELECTRICAL CONN.)	V	Dev	0
2.11.16	WHEEL FLANGE FRICTION MOD (IF PRESENT)	VR	Dev	0	2.16.2	HPCU (HOSES)	VR	Dev	0
2.12	<b>A - BRAKES</b>				2.16.3	HPCU (OIL LEVEL)	VS	Dev	2
2.12.1	HPCU (LEAKS)	VRS	Dev	0	2.16.4	BRAKE CALIPERS	VF	Dev	2
2.12.2	HPCU (ELECTRICAL CONN.)	V	Dev	0	2.16.5	BRAKE DISC	V	Dev	0
2.12.3	HPCU (HOSES)	VR	Dev	0	2.16.6	PARKING BRAKE RELEASE	VF	Dev	2
2.12.4	HPCU (OIL LEVEL)	VS	Dev	0	2.16.7	BRAKE PADS	VR	Dev	0
2.12.5	BRAKE CALIPERS	VF	Dev	2	2.16.8	BRAKE PAD LOCKING PINS	VR	Dev	0
2.12.6	BRAKE DISC	V	Dev	0	2.19	<b>TIRE CONDITION ALL AXLES</b>			
2.12.7	PARKING BRAKE RELEASE CHAIN	VLF	Dev	2	2.19.4	FLAT SPOTS in excess of 1 1/2"	V	Dev	0
2.12.8	BRAKE PADS	VR	Dev	0	2.19.8	SPALLING or SHELLED TREAD	V	Dev	0
2.12.9	BRAKE PAD LOCKING PINS	VR	Dev	0	2.17	<b>COUPLERS</b>			
2.13	<b>B - TRUCK RECORD SERIAL NUMBER: MT 185</b>				2.17.1	<b>A - END</b>			
2.13.1	LATERAL SHOCK ABSORBER	V	Dev	0	2.17.1.1	CENTERING CYLINDERS	VR	Dev	0
2.13.2	PRIMARY SUSPENSION	V	Dev	0	2.17.1.2	NEGATING VALVE	VR	Dev	0
2.13.3	HOSES	V	Dev	0	2.17.1.3	TAPPET VALVE	VR	Dev	0
2.13.4	NITROGEN CARTARIDGE (LEAKS)	VF	Dev	0	2.17.1.4	PINS	VR	Dev	2
2.13.5	PILOT BAR	VR	Dev	0	2.17.1.5	AIR LEAKS & OVERALL CONDITION	VR	Dev	0
2.13.6	MEASURE - BOTTOM TO TOP OF RAIL	V	Dev	0	2.17.1.6	MOUNTING BOLTS	VR	Dev	0
2.13.7	TRACTION MOTOR MOUNTS 2 PER AXLE	V	Dev	0	2.17.1.7	HEIGHT ADJ. SCREWS, SHOCKS	VR	Dev	0
2.13.8	GROUND BRUSHES / SHUNTS	VR	Dev	0	2.17.2	<b>B - END</b>			
2.13.9	MOTOR WIRING HARNESS	V	Dev	2	2.17.2.1	CENTERING CYLINDERS	VR	Dev	2
2.13.10	TRACK BRAKE HEIGHT	VA	Dev	0	2.17.2.2	NEGATING VALVE	VR	Dev	0
2.13.11	TRACK BRAKE SEGMENTS	VR	Dev	0	2.17.2.3	TAPPET VALVE	VR	Dev	0
2.13.12	TRACK BRAKE WIRES	VR	Dev	0	2.17.2.4	PINS	VR	Dev	2
2.13.13	WHEEL SHUNTS	V	Dev	0	2.17.2.5	AIR LEAKS & OVERALL CONDITION	VR	Dev	0
2.13.14	AIR SPRINGS	V	Dev	0	2.17.2.6	MOUNTING BOLTS	VR	Dev	0
2.13.15	AIR SPRING TANK MOUNTS	VR	Dev	0	2.17.2.7	HEIGHT ADJ. SCREWS, SHOCKS	VR	Dev	0
2.13.16	WHEEL FLANGE FRICTION MOD (IF PRESENT)	VR	Dev	0	2.18	<b>BATTERIES Fill in BATTERY INSPECTION REPORT form</b>			
2.14	<b>B - BRAKES</b>				2.18.1	WATER LEVEL (DEIONIZED WATER) FILLED TO MAX. LINE	VS	R	0
2.14.1	HPCU (LEAKS)	VRS	Dev	0	2.18.2	VENT CAPS	VR	R	0
2.14.2	HPCU (ELECTRICAL CONN.)	V	Dev	0	2.18.3	GENERAL CONDITION	V	R	0
2.14.3	HPCU (HOSES)	VR	Dev	0	2.18.4	BATT. VOLTAGE (37.5V)	F	R	0
2.14.4	HPCU (OIL LEVEL)	VS	Dev	0	2.18.5	BATTERY CIRCUIT BREAKER BUTTON	FR	R	0
2.14.5	BRAKE CALIPERS	VF	Dev	0	2.18.6	EMRGENCY PANTOGRAPH DOWN	FR	R	0
2.14.6	BRAKE DISC	V	Dev	0					



1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>475800</b>	1.1.2 MILES BETWEEN INSP. <b>0</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>7/8/2021</b>
1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO. 1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE					
DISCREPANCY SHEET    DISCREPANCY SHEET    DISCREPANCY SHEET    DISCREPANCY SHEET    DISCREPANCY SHEET					
1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED		#8 D

ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
	* SHEET 1 OF 2 *			
1	A ROOF RIBBON FUSE CERAMIC BASE CRACKED		X	EL
2	B ROOF HVAC ANTI SLIP WORN OFF		X	EL
3	NEED TO REPLACE AIR COMPR OIL, OIL FILTER, AIR FILTER, DESICCANT FILTERS, OIL SEPARATOR FILTER	X		AL
4	A SANDBOX LEVEL LOW	X		SC
5	B SANDBOX LEVEL LOW	X		SC
6	A SPEEDOMETER NEEDS CALIBRATION CHECK	X		SC
7	B SPEEDOMETER NEEDS CALIBRATION CHECK	X		SC
8	B CAR STOP REQUEST SIGN HAS INOP LAMPS	X		SC
9	B CAR HAS DIRTY CEILING LIGHT LENS		X	EL
10	B CAR LWR TIER TRIPLE SEAT (1EA) BOTTOM WORN		X	EL
11	(A1) DOOR INT AMBER LED INOP	X		AL
12	(B1) DOOR STEPWELL LIGHT INOP	X		VTO
13	B CAB FIRE EXTINGUISHER OUT OF DATE	X		SC
14	B CONSOLE (4H) CAB HEAT DUCT FULL OF TRASH	X		SC
15	B CONSOLE BOTH CAB HEAT AIR NOZZLES MISSING		X	EL
16	B CONSOLE HAS INOP DASH LIGHTS	X		VTP
17	B CONSOLE RADIO CCP KEYS NOT ILLUMINATED		X	EA
18	C CAR BOTH CEILING LIGHT LENS DIRTY		X	EL
19	C CAR SIDEGLASS ETCHED (B2/A3 SIDE)		X	EL
20	C CAR (1EA) REAR SEAT BOTTOM WORN		X	EL
21	A CAR LWR TIER TABLE SEAT (1EA) BOTTOM WORN		X	EL
22	FLOOR SOFT (2') INSIDE (A2) ENTRY		X	EL

Vehicle Released By: \_\_\_\_\_ Date of Release & MCRS Entry: 7/10/21



1.0-TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>475800</b>	1.1.2 MILES BETWEEN INSP. <b>0</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>7/8/2021</b>
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1.2 INSTRUCTIONS: 1.2.1 ITEM NO. REFERS TO INSPECTION DOCUMENT SECTION NO.  
1.2.2 INITIALS INDICATE ITEM INSPECTED AND LEFT IN PROPER CONDITION UNLESS NOTED IN DEFECT CODE

DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET DISCREPANCY SHEET

1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 D
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ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
	C HPCU Low	X		DE
	Flashing R on C-Track wind-off	X		DE
	A Coupler Pins dirty	X		VTP
	A Neum. hose chaffing on car ceiling	X		DE
	A Coupler handle loose	X		VTP
	A Gearbox @ #1 leaking		X	EL
	A Gearbox @ #2 leaking		X	EL
	#2 Caliper leaking	X		DEW
	#2 Pull-off handle loose	X		DEW
	Truck wires @ #2 axle exposed in 2 places (yellow zip)	X		DEW
	A L Track brakes low	X		DE
	A R Track brakes low	X		DE
	3 R Caliper leaking	X		DEW
	Reload C Flange lubricators	X		DEW
	Bungee @ 3 R off	X		KEE
	#5 Pull-off handle loose	X		DEW
	#6 Pull-off handle loose	X		DEW
	C-Track bump stops worn	X		AL

Vehicle Released By: 

Date of Release & MCRS Entry: 7/10/21



1.0 TYPE 8 LFC INSPECTION FORM PART 1	1.1.1 CAR NO. <b>03862</b>	1.1.2 MILEAGE <b>475800</b>	1.1.2 MILES BETWEEN INSP. <b>0</b>	1.1.4 LOCATION <b>Reservoir</b>	1.1.5 DATE (MM/DD/YY) <b>7/8/2021</b>
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1.3 INSPECTION CODES	1.3.1 TASK V - VISUAL INSPECTION F - FUNCTION CHECK A - ADJUST R - REPAIR OR REPLACE	L - LUBRICATE C - CLEAN S - SERVICE E - ENGINEERING	1.3.2 DEFECT CODE 0 - NO DEFECT 1 - DEFECT REPAIRED 2 - DEFECT DEFERRED 3 - DOWNLOADED	#8 D
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ITEM NO.	DISCREPANCY	X REPAIRED	X SERVICEABLE	INITIALS
	B Coupler Pins dirty	X		VFP
	B Coupler handle loose	X		VFP
	B R Coupler roller frozen	X		VFP
	B Truck wires exposed (yellow zip)	X		DW
	Lube B L level rods	X		VFP
	Lube B R level rods	X		VFP
	Lube C L level rods	X		VFP
	Lube C R level rods	X		VFP
	Lube A L level rods	X		VFP
	Lube A R level rods	X		VFP
	A R Bumpstop worn	X		RS
	A L Bumpstop worn	X		RS
	B R Bumpstop worn	X		RS
	B L Bumpstop worn	X		RS
	H R Caliper Grinding	X		DW
	Inspect ground brushes w/Foreman	X		skj

Vehicle Released By:  Date of Release & MCRS Entry: 7/10/21