

Overview of Car Repair Billing (CRB) Webinar

Presenter: Alexes Carroll

May 2024

Agenda



- CRB & FindUs.Rail
- CRB Overview
- Billing Repair Card (BRC) Walkthrough
- Invoicing Process
- CRB Data Exchange (DX) Process
 - Outbound Reporting
 - Error Codes
 - Understanding Your PDF Report
- Procedures Manual/Price Master/AAR Manuals/User Guide
- Tips and Tricks

What is the CRB Application?



- Car Repair Billing (CRB) is Railinc's system for managing car repair invoices.
- Railinc receives invoices containing specific car repair data throughout each month, then distributes the invoices each month during the CRB Data Exchange (DX).
- Inbound data (to Railinc) is received in one of two ways:
 - A 500-byte file sent via FTP
 - Invoices created through the CRB Billing Repair Card application

AAR Rules Regarding CRB



- Rule 112 of the Office Manual governs the CRB process.
- Rule 113 of the Office Manual specifies that participation in the CRBDX is mandatory and provides information on how to submit your billing data.
- Rule 114 of the Office Manual mandates the usage of FindUs.Rail by parties involved in the billing of car repairs.
- For the complete rules, please reference your copy of the Office and Field Manual.
- These publications can be purchased through www.aarpublications.com

CRB and FindUs.Rail



Categories

Any assigned categories must have at least one category function specified.

Category
Car Repair Billing

Category Role: Primary

Category Functions:

- Billed Party
- Billing or Invoicing Party
- Inquiries
- Invoice Exceptions
- Remit To
- Remit To Canada
- Remit To Mexico
- Remit To USA

The contact to whom the Billing/Invoicing Party has directed the invoice for payment.
The contact who is responsible for submitting the invoice to the Billed Party for payment.
The Billing/Invoicing Party contact to inquire on the status of payments, issues, questions, other than exceptions received from the Billed Party.
The Billing/Invoicing Party contact who is responsible for addressing and replying to all invoice related exceptions taken by the Billed Party per AAR Rule 112.
The Billing/Invoicing Party contact who is responsible for processing an invoice remittance payment received from the Billed Party.
The Billing/Invoicing Party contact in Canada who is responsible for processing an invoice remittance payment received from the Billed Party.
The Billing/Invoicing Party contact in Mexico who is responsible for processing an invoice remittance payment received from the Billed Party.
The Billing/Invoicing Party contact in the United States who is responsible for processing an invoice remittance payment received from the Billed Party.

FindUs.Rail Contact Information Mandatory



- Car Repair Billing (CRB) participants must enter contact information in FindUs.Rail for:
 - BP = Billed Party
 - IP = Billing/Invoicing Party
 - RT = Remit To
 - IQ = Inquires
 - EX = Exceptions
- Additionally, contact information must be verified in FindUs.Rail every 90 days.
- Submitted invoices will be rejected with 8P and/or 8R errors if this information is not in FindUs.Rail or is not verified.

Category
Car Repair Billing

Category Role: Primary

Category Functions:

- Billed Party
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- Remit To
- Remit To Canada
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- Remit To USA

Apply Contact to Additional Marks?:

Category Specific Fields

*Taxpayer ID: 123456789

Select at least one of the "Remit To" category functions.

Enter your taxpayer ID.

Requesting CRB Access



1 Select Roles ————— 2 Confirm ————— 3 Done

CRB Billing Repair Card User (MARK required)

Allows user to create Billing Repair Cards and invoices to submit to the CRB Data Exchange process.

CRB Data Exchange Report Viewer (MARK required)

CRB Data Exchange Report Viewer

CRB Data Exchange Submitter (MARK required)

Ability to view CRB Data Exchange submitter and receiver marks in the web based Billing Repair Card application.

CRB Survey Participant (MARK required)

Participates in the survey process to enter quotes that will be used in AAR/RAC Price Master. Participation must be approved by the AAR.

Requirements to Participate



• **Submitter Requirements:**

- MARK or Company ID
- FTP Mailbox & CRB security setup OR Billing Repair Card permission
- FindUs.Rail contact information for CRB
- If submitting data via FTP, software to create and format 500-byte CRIP files

• **Receiver Requirements:**

- MARK or Company ID
- FTP Mailbox & CRB security setup
- FindUs.Rail contact information for CRB
- Software to parse 500-byte CROP files

What is a Billing Party? Billed Party?



Billing Party



A Billing Party is the party that is sending invoices to the Billed Party (for repairs they did on equipment controlled by the Billed Party).

Synonymous with “submitter”

Billed Party



A Billed Party is a MARK that is being charged for repairs done on equipment. Typically the controlling entity, meaning car owner or lessee.

Synonymous with “receiver”

Please note: Submitters and receivers are either railroads, equipment owners, third party agents, and/or repair shops.

Submission Methods



There are two ways to submit data to the CRBDX:

1. Submitting data in 500-byte format via FTP
2. Submitting data using the Billing Repair Card (BRC) function in the CRB application

Receiving Methods




There are two ways that CRB participants can receive data from the CRBDX:

1. Receive data in 500-byte format via FTP
2. Subscribe to the “Detailed PDF” report, which contains invoices in a user-friendly format

Please note: CRB participants can submit, receive, or do both of these tasks.

BRC Process



 **RAILINC** | Car Repair Billing

Home **Billing Repair Card** ▾ Survey ▾ Price Master ▾ File Maintenance ▾ Data Exchange ▾ Reports ▾ Admin ▾ Documentation

Welcome to CRB - Car Repair Billing

The Railinc Internet Billing Repair system works in partnership with the Car Repair Billing (CRB) Data Exchange system to provide each participant the opportunity to electronically accumulate individual car repair costs for accounting, auditing, and analytical purposes. The Internet Billing Repair Card (BRC) system was designed to allow the BRC user to issue Car Repair Billing invoices in accordance with the AAR Field and Office Manuals of the AAR Interchange Rules.

The Car Repair Billing User Guide and other resources, such as the CRB Data Exchange Schedule, the CRB Procedures Manual, and the CRB Billing Repair Card webinar, can be found on the [Car Repair Billing](#) website.

Billing Information



RAILINC | Car Repair Billing

Home | Billing Repair Card ▾ | Survey ▾ | Price Master ▾ | File Maintenance ▾ | Data Exchange ▾ | Reports ▾ | Admin ▾ | Documentation

We **CRB - Car Repair Billing**

The RAILINC Car Repair Billing system works in partnership with the Car Repair Billing (CRB) Data Exchange system to provide each participant the opportunity to view individual car repair costs for accounting, auditing, and analytical purposes. The Internet Billing Repair Card (BRC) system was designed to allow users to view Car Repair Billing invoices in accordance with the AAR Field and Office Manuals of the AAR Interchange Rules.

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- View BRCs
- Search BRCs
- Enter New BRCs
- Status Report
- Invoice Summary
- Billing Information**

Adding Contact Information



Billing/Invoicing Party Tax ID *

Save Tax ID

Billed Party Contacts

Company Name

Name

Title

Email

No Rows To Show

Add New Contact

Delete Contacts

Clear Checkboxes

Adding Contact Information



Billing/Invoicing Party Tax ID *

Add/Edit Billed Party Contact Information

Company Name *

Name

Title

Phone

Fax

Email

Street Address *

Address Line 1

Address Line 2

Address Line 3

City *

State/Province *

Country *

Postal Code *

Cancel

Save

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Enter New BRC



RAILINC | Car Repair Billing

Home | Billing Repair Card ▾ | Survey ▾ | Price Master ▾ | File Maintenance ▾ | Data Exchange ▾ | Reports ▾ | Admin ▾ | Documentation

View BRCs
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Welcome to CRB - Car Repair Billing

The Railinc Car Repair system works in partnership with the Car Repair Billing (CRB) Data Exchange system to provide each participant the opportunity to electronically submit and receive Car Repair Billing invoices in accordance with the AAR Field and Office Manuals of the AAR Interchange Rules.

The Car Repair Billing Information Guide and other resources, such as the CRB Data Exchange Schedule, the CRB Procedures Manual, and the CRB Billing Repair Card webinar, can be found here.

BRC – Main



Active Roadmark RAIL	User BSLXF01
-------------------------	-----------------

Billing Repair Card - Main			
Car Initial * RAIL	Car Number * 001011	Car Kind * T - Tank	Billed Company * RAIL
L/E/U Indicator * Unknown	Repaired SPLC * 411657000	Detail Source * BR-Billing Repair Card	Date Repaired * 11/19/2021
Defect Card Party	Defect Card Date	Repair Facility Type	Repair Facility Arrival Da...
Currency to use * US	Doc. Ref. Number	DDCT ID(XXXX9999999)	

Specify the following for Manually Priced Job Codes	
Use AAR Time Standard <input checked="" type="radio"/> Yes <input type="radio"/> No	Contract Labor Rate

This BRC is for a re-submit invoice		
<input type="radio"/> Yes <input checked="" type="radio"/> No	Original Invoice Number	Original Account Date

BRC – Main



CIF Fields(optional)

Repairing Party CIF Billing Party CIF Invoicing Party CIF Defect Party CIF

Rebuttal

Repairing Party Repairing Party Doc. Refer... Repairing Party Invoice Nbr.

Job Codes

App. Job	Rem. Job	Loc.	Why Made	Qty.	Net Charge	Status	EHMS Sent Date
No Rows To Show							

Add Repair Line Delete Edit

Back **Save Draft** **Price & Save**

BRC Job Couplet



Job Codes

App. Job	Rem. Job	Loc.	Why Made	Qty.	Net Charge	Status	EHMS Sent Date
No Rows To Show							

[Add Repair Line](#) [Delete](#) [Edit](#)

BRC Job Couplet

Manually Priced Wrong Repair

Applied Job Code * [Cancel](#) [Continue](#)

[Back](#) [Save Draft](#) [Price & Save](#)

Job Codes Search



Job Codes Search

Job Code _____ Rule Number 1 - Care of Freight Cars Description _____

Cancel Clear Search

Search Result

Job Code	Description	Rule Number
<input checked="" type="checkbox"/> 1153	BODY MOUNTED BRAKES-TRUCK LEVER A...	11
<input type="checkbox"/> 1768	BOTTOM ROD SAFETY SUPPORT, AAR APP...	10
<input type="checkbox"/> 1770	BRAKE PIN LOCKING DEVICE	10
<input type="checkbox"/> 1792	BOTTOM ROD	11
<input type="checkbox"/> 1794	BOTTOM ROD-TRUCK MOUNTED	11
<input type="checkbox"/> 1796	TOP ROD, ANY SIZE DIAMETER	11
<input type="checkbox"/> 1800	BRAKE LEVER	11
<input type="checkbox"/> 1802	BRAKE LEVER, TRUCK MOUNTED	11
<input type="checkbox"/> 1804	BRAKE LEVER GUIDE OR CARRIER	11

1 2 3 4 5 10 25 50 100

Cancel Select

BRC Job Couplet



[Add Repair Line](#) [Delete](#) [Edit](#)

BRC Job Couplet

Manually Priced

Wrong Repair

Applied Job Code *

Removed Job Code *

[Cancel](#) [Continue](#)

[Back](#) [Save Draft](#) [Price & Save](#)

BRC Job Couplet



[Add Repair Line](#) [Delete](#) [Edit](#)

BRC Job Couplet

Applied Job Code * 1142	Removed Job Code * 1142		
Component Id	Location on Car 1	Quantity (PM Max: 1) * 1	Condition Code * 7-Periodic or service att... ▼
Applied Qualifier	Removed Qualifier	Why Made Code * 13-Attention required as... ▼	Responsibility Code * 1-Owner Responsibility ▼
Applied Job Code Description SCT, 4-PRESSURE AUTO TEST DEV, 1 SET PER EI-0001	Narrative SCT, 4-PRESSURE AUTO TEST DEV, 1 SET PER EI-0001		

Pricing Information

Material Price	Labor Price	Total
----------------	-------------	-------

[Cancel](#) [Done](#)

[Back](#) [Save Draft](#) [Price & Save](#)

Price & Save



Job Codes

App. Job	Rem. Job	Loc.	Why Made	Qty.	Net Charge	Status	EHMS Sent Date
<input type="checkbox"/> 1142	1142	1	13	1		Entered	

10 25 50 100

[Add Repair Line](#) [Delete](#) [Edit](#)

[Back](#) [Save Draft](#) [Price & Save](#)

Success!



Car:	RAIL 001011	Repair Date:	2021-11-19	Repaired At:	411657000
Total Charge:	\$303.75	Status:	Priced		
Invoice Number:	Not Invoiced	Invoice Date:	Not Invoiced		

Car Initial *	RAIL	Car Number *	001011	Car Kind *	T - Tank	Billed Company *	RAIL
L/E/U Indicator *	Unknown	Repaired SPLC *	411657000	Detail Source *	BR-Billing Repair Card	Date Repaired *	11/19/2021
Defect Card Party		Defect Card Date		Repair Facility Type	CS - Contract Shop	Repair Facility Arrival Da...	
Currency to use *	US	Doc. Ref. Number		DDCT ID(XXXX9999999)			

Specify the following for Manually Priced Job Codes

Use AAR Time Standard
 Yes No

Contract Labor Rate

This BRC is for a re-submit invoice

Yes No

Original Invoice Number

Original Account Date

CIF Fields(optional)

Repairing Party CIF

Billing Party CIF

Invoicing Party CIF

Defect Party CIF

Rebuttal

Repairing Party

Repairing Party Doc. Refere...

Repairing Party Invoice Nbr.

Job Codes

App. Job	Rem. Job	Loc.	Why Made	Qty.	Net Charge	Status	EHMS Sent Date
<input type="checkbox"/> 1142	1142	1	13	1	303.75	Priced	

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BRC Invoice Creation



Active BRCs **Priced BRCs** Available for Rebuttal

Total Items: 1

<input checked="" type="checkbox"/>	Car ID	Billed company	Repair Date	SPLC	Total Charge	Status	Owned By	Last Updated By
<input checked="" type="checkbox"/>	RAIL 001011	RAIL	11-19-2021	411657000	\$303.75	Priced	BSLXF01	BSLXF01

10 25 50 100

- Click the checkboxes next to all BRCs you wish to bill, then click the “Create Invoices” button at the bottom of the screen.

BRC – Create Invoices



As a reminder, please finalize and Submit all BRCs to Data Exchange by the last day of each month to be included in the current month's Data Exchange process.

For Account Month *

November

For Account Year *

2021

Invoice Number	Invoice Date (MM-DD-YYYY)	Payment Due Date (MM-DD-YYYY)	Payment Terms	Billed Company	Billed Party Contact	Detail Lines	Total Charge	Misc. Charge	Grand Total
<input checked="" type="checkbox"/> 12345	11/19/2021	12/20/2021		RAIL	International Bridge and...	1	303.75	0	303.75

- Enter information into the required fields and select “Finalize and Send For Data Exchange.”

Invoice History



RAILINC | Car Repair Billing

Home Billing Repair Card ▼ Survey ▼ Price Master ▼

- View BRCs
- Search BRCs
- Enter New BRCs
- Status Report
- Invoice Summary**
- Billing Information

CRB - Car Repair Billing

We

The Railinc Car Repair system works in partnership with the individual railroad's accounting, auditing, and analytical purposes according to the Standard and Office Manuals of the AAR Interchange Agreement.

The Car Repair Billing User Guide and other resources, such as the CRB Repair Billing website.

Invoice History



BRC History - Invoicing by Month ^

As a reminder, please finalize and Submit all BRCs to Data Exchange by the last day of each month to be included in the current month's Data Exchange process.

Year To Date Custom Date Range

From Month * From Year * To Month * To Year *

October ▼ 2021 ▼ November ▼ 2021

 Clear

 Search

- The Invoice Summary feature displays a list of historical BRCs that you have sent to the Data Exchange.

Invoice History by Month



Search Result

Total Items: 9

M. 2 ↓	Y... 1 ↓	Owne...	Invoic...	Total ...	Total ...	Total ...	T...	Total Invoi...	Invoic...
Nov	2021	RAIL	test123123	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Draft
Nov	2021	RAIL	TEST00001	\$456.00	\$123.00	\$0.00	\$0.00	\$579.00	Draft
Nov	2021	RAIL	test12313	\$512.17	\$0.00	\$0.00	\$0.00	\$512.17	Draft
Nov	2021	RAIL	test12444	\$512.17	\$0.00	\$0.00	\$0.00	\$512.17	Draft
Nov	2021	RAIL	testtest	\$512.17	\$0.00	\$0.00	\$0.00	\$512.17	Draft
Nov	2021	RAIL	testtest1	\$512.17	\$0.00	\$0.00	\$0.00	\$512.17	Final
Nov	2021	RAIL	MAINTEST	\$9.48	\$0.00	\$0.00	\$0.00	\$9.48	Final
Nov	2021	RAIL	12345	\$303.37	\$0.38	\$0.00	\$0.00	\$303.75	Final
Oct	2021	RAIL	Test	\$512.17	\$0.00	\$77.00	\$0.00	\$589.17	Final(DE)

10 25 50 100

Invoice Detail



Active Roadmark
RAIL

User
BSLXF01

BRC - Invoice Detail

For Account Month November	For Account Year 2021	Invoice Number 12345	Invoice Date 11-19-2021
Billed Company RAIL	Currency US	Billed Party Contact TESTING - TEST	Status Final
Miscellaneous Charges \$0.00	Billing Repair Cards \$303.75		

Total Items: 1

Detail Source	Car Initials	Car Number	Date Repaired	Resubmitted	Total Charge
BR	RAIL	001011	11-19-2021	No	\$303.75

10 25 50 100

Back

Export File

Create PDF

- Click the “Create PDF” link to download a PDF to be sent to the Billed Party.
- Click the “Export File” button to generate a 500-byte file.

Questions?

Agenda



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CRBDX Process



- The CRBDX is a monthly cycle where invoices are sent to Railinc and then distributed on the 4th business day of every month.
- Repair data can be submitted to Railinc via FTP or by using the BRC function of CRB.
- FTP Submitters will receive an “Inbound Data Exchange Report” upon submission of a 500-byte file, known as a Car Repair Inbound File (CRIP file).
- Each Billed Party will receive one Car Repair Outbound File, also known as a CROP file, containing all invoices billed to your company.
- As part of the Data Exchange, the following outbound reports will be transmitted via email:
 - Each Billing Party will receive a “Billing Road Log” showing all distributed invoices and any held invoices.
 - Each Billed Party will receive an “Outbound Data Exchange Log Report” specifying details of repair data they received.

CRB Data Exchange Report Viewer Role



Car Repair Billing

CRB system provides functionality to create AAR and RAC pricemaster using quotes from quarterly price survey. It also provides online screens for repair shops and contract shops to submit invoices to responsible parties through Data Exchange.

1 Select Roles ————— 2 Confirm ————— 3 Done

CRB Billing Repair Card User (MARK required)

Allows user to create Billing Repair Cards and invoices to submit to the CRB Data Exchange process.

CRB Data Exchange Report Viewer (MARK required)

CRB Data Exchange Report Viewer

CRB Data Exchange Submitter (MARK required)

Ability to view CRB Data Exchange submitter and receiver marks in the web based Billing Repair Card application.

CRB Survey Participant (MARK required)

Participates in the survey process to enter quotes that will be used in AAR/RAC Price Master. Participation must be approved by the AAR.

Data Exchange File Process Status Report



CRB: Data Exchange File Process Status Report

 DX
To [Redacted]
Cc ○ DX

[Reply](#) [Reply All](#) [Forward](#)  

Tue 4/23/2024 7:29 AM

 [Redacted].pdf 9 KB ▾

Railinc CRB Data Exchange File Status: ACCEPTED

We have processed your car repair data file to be included in the monthly Railinc Data Exchange processing. All accepted records will be included in the outbound distribution (to participating receivers) upon completion of the current Car Repair Billing Data Exchange.

Note: If you make any changes to your file for this accounting period, you MUST resubmit the entire file with the exact same filename (inside the zip file) to Railinc. (Our system will overwrite the previously submitted file with the same name).

Link to xlsx report:

[https://crb.railinc.com/#/download/inbound/2024/04/\[Redacted\]](https://crb.railinc.com/#/download/inbound/2024/04/[Redacted])

Thanks,
CRB Data Exchange Manager, Railinc
Reply to: dx@railinc.com

Error Code reference: https://public.railinc.com/sites/default/files/documents/CRBDX_ErrorCodes.pdf

- The File Process Status Report is distributed upon submission of a CRIP file. The possible statuses of the submitted file include: accepted, partially accepted and rejected.

File Process Status Report Continued



Inbound Data Exchange Report

File Name: RAIL_CRIP1909_1P_1_TE
 Submitting Road Mark: RAIL Processed Date: 2019-10-11 07:08 PM
 Inbound Status: Partially Accepted Received Date: 2019-10-11 07:08 PM

[Click here for Error Codes Reference](#)

Billing Road	Billed Road	DTL SRC	Road Total				AAR Total		
			Account Date	Record Count	Labor Dollar	Misc Dollar	Record Count	Labor Dollar	Misc. Dollar
RAIL	BNSF	GB	2019-09	1	12.81	1.93	1	12.81	1.93

Records Received:	18	Invoices Received:	2
Format 1 Records Rcvd:	3	Accepted Invoices:	1
Format 1 Records Proc:	1	Rejected Invoices:	1
Total Material Charge:	1.93	Total Labor Charge:	12.81

The following critical error(s) were found that resulted in one or more invoices being rejected (identified by line number):
 (Line Number, Car Init/Num, Billing Party, Billed Party, Repair Date, App. Job Code, Why Made Code, Error Codes)

000001, BCNE900020, RAIL, CTRR, 190910, 2482, 06 1P
 000002, BCNE900020, RAIL, CTRR, 190910, 4410, 10 1P

The following non-critical error(s) were found: (Line Number, Car Init/Num, Billing Party, Billed Party, Repair Date, App. Job Code, Why Made Code, Error Codes)

000001, BCNE900020, RAIL, CTRR, 190910, 2482, 06 Z7
 000002, BCNE900020, RAIL, CTRR, 190910, 4410, 10 Z7
 000010, BCNE900020, RAIL, BNSF, 190910, 2076, 02 Z7

The following Billed Road(s) do not participate in Car Repair Data Exchange as a data receiver:
 CTRR

Error Codes and Descriptions

This document lists error codes and descriptions for the Car Repair Billing Data Exchange (CRBDX). For additional information, refer to the [Car Repair Billing Data Exchange](#) web page.

Error Code	Description
0	Quantity - Must not be greater than the quantity specified in the Price Master.
3	Repair Facility Arrival Date (YYMMDD) – If present, must not be greater than Repair Date.
5	SPLC - Must be numeric and greater than zero. Tax codes, DE, DM and CB will be excluded.
6	Repair Date (YYMMDD) - Must be numeric and a valid date (00-99 (Year-YY), 01-12 (Month-MM), and 01-31 (Day-DD)). Must be within 13 months of Accounting Month and must not be in the future. If a resubmitted invoice, then must not be older than 24 months from the current Accounting Month and not be in the future.
8	Material Charge - Must be Numeric.

Billing Party Report



Billing Road Log for Data Distributed by Railinc

Submitter: CRB
Inbound File Name: C [REDACTED]

Billing Road	Billed Road	DTL SRC	Sent Date	Record Count	Labor Dollar	Misc Dollar	Invoice Number
C [REDACTED]	C [REDACTED]	BR	2019-10-02	6	101.22	38.7	378805

Total Items: 1

Total Material 38.70

Total Labor Charge: 101.22

CRB: Data Exchange Billing Party Report



[Reply](#) [Reply All](#) [Forward](#)

Fri 4/5/2024 10:41 AM



Hi

Attached is the Invoice Summary by Billing Road Report from the Car Repair Billing System.

Link to xlsx report:

[https://crb.railinc.com/#/download/billing/\[REDACTED\]](https://crb.railinc.com/#/download/billing/[REDACTED])

Thank You,
CRB Data Exchange Manager, Railinc
crbdx@railinc.com

Outbound Data Exchange Log Report



Outbound Data Exchange Log Report

File Name: C [REDACTED] CROP1909.ZIP Date Sent: 10-04-2019 10:14 AM
 Billed RoadMark: C [REDACTED] Total Charge: \$11,687.24

Billing Road	Billed Road	DTL SRC	Date	Record Count	Labor Dollar	Misc Dollar
B [REDACTED]	[REDACTED] X	BR	2019-10-01	12	574.61	1827.51
B [REDACTED]	[REDACTED] X	GB	2019-10-01	9	154.74	55.38
C [REDACTED]	[REDACTED] X	BR	2019-10-01	1	16.87	6.45
C [REDACTED]	[REDACTED] X	GB	2019-09-01	1	15.89	3.41
I [REDACTED]	[REDACTED] X	BR	2019-10-01	1	13.8	1.63
K [REDACTED]	[REDACTED] X	BR	2019-10-01	8	491	402.99
K [REDACTED]	[REDACTED] X	GB	2019-10-01	4	60.91	5.77
N [REDACTED]	[REDACTED] X	BR	2019-09-01	4	98.16	27.15
N [REDACTED]	[REDACTED] X	GB	2019-09-01	2	31.78	6.82
U [REDACTED]	[REDACTED] X	BR	2019-10-01	42	2056.99	4996.14
U [REDACTED]	[REDACTED] X	GB	2019-10-01	35	684.44	154.8

Total Records : 173 Total Items: 11
 Total Material Charge: 7488.05 Total Labor Charge: 4199.19

CRB: Data Exchange Extract Complete

DX
 To [REDACTED]
 Cc [REDACTED]

Fri 4/5/2024 10:25 AM

[REDACTED].pdf 10 KB

Dear Customer,

The outbound invoice file (CROP) has been sent to your company's FTP mailbox and is available at qzzzz21. Please use your FTP credentials to download the CROP file. Instructions for downloading the CROP file are available on our Car Repair Billing Data Exchange website. This file is only available to download for 14 days from today's date. Files can be resent prior to the next DX run, however, after that time there will be historical Data fees involved.

If you encounter issues downloading the CROP file from your company's FTP mailbox, please contact the Railinc Customer Success Center by email at csc@railinc.com or by phone at 877-724-5462. You can also utilize the Car Repair Billing Data Exchange website for the CRB DX schedule, CRB Procedures Manual, Error Codes and FAQs.

Car Repair Billing Data Exchange website: <https://www.railinc.com/rportal/car-repair-billing-data-exchange>

Link to xls report:
[https://crb.railinc.com/#/download/outbound/2024-\[REDACTED\]](https://crb.railinc.com/#/download/outbound/2024-[REDACTED])

Thanks,
 CRB Data Exchange Manager, Railinc

Detail PDF Report



Reply Reply All Forward IM
 Mon 5/6/2019 12:17 PM
 CM csc@railinc.com
 April 2019 CRB Invoice Detail - [REDACTED] X
 To: [REDACTED]@com; [REDACTED]@com; [REDACTED]@com; [REDACTED]@com
 Cc: [REDACTED] DX
 We removed extra line breaks from this message.

[REDACTED] CROP1904 DAT.zip
 568 KB

Hello Car Repair Billing Data Exchange Receiver,

Attached you will find the Car Repair Billing invoice detail for April 2019 if you have any questions feel free to contact me using the contact information below.

Thanks,

Railinc Data Exchange
CSC@railinc.com
 1-877-RAILINC

3

NS

Car Initial: [REDACTED] X	Kind: G	Loaded/Empty: E
Car Number: 000113	SPLC: 4 [REDACTED]	Detail Source: BR
Date of Repair: 190407	Repair Facility Type: LR	Month: 1904
Defect Card Party:	Defect Card Date: 000000	

Loc	Qty	CC	Job Code Applied	QFR	Description of Repairs Made	Why Made Code	Job Code Removed	QFR	Resp Code	AAR Component ID	Labor Charge	Material Charge	Net Charge	Price Master Currency Indicator
A	1	1	1630		AIR BRAKE HOSE 33" OR OVER	04	1630		1		\$18.73	\$26.95	\$45.68	U

Agenda



- CRB & FindUs.Rail
- CRB Overview
- Billing Repair Card (BRC) Walkthrough
- Invoicing Process
- CRB Data Exchange (DX) Process
 - Outbound Reporting
 - Error Codes
 - Understanding Your PDF Report
- **Procedures Manual/Price Master/AAR Manuals/User Guide**
- Tips and Tricks

Procedures Manual



Car Repair Billing

Car Repair Billing (CRB) enables users to manage billing. Within CRB there are two methods for submitting invoices: the Car Repair Billing Data Exchange (CRBDX) and the Billing Repair Card (BRC) interface.

- **Car Repair Billing Data Exchange (CRBDX)** is a monthly exchange for receiving and transmitting invoices to registered billed parties. CRBDX utilizes industry rules and requirements to validate received invoices.
- **Billing Repair Card (BRC)** is a component of the Car Repair Billing system that provides an interface for receiving and transmitting invoices. The interface ensures that all required fields are populated before the BRC is submitted for pricing and performs basic validation on fields (such as checking that the repair date is not in the future).

The **Car Repair Billing Price Master** is a quarterly electronic publication with AAR-determined freight car repair charges for labor and material components. CRB users have the option of purchasing the Price Master directly from Railinc.

The **Car Repair Billing Webinar**, shown below, provides an overview of the Car Repair Billing process, including walk-throughs of the Billing Repair Card interface, the Car Repair Billing invoicing process, the Car Repair Billing Data Exchange process, and the Car Repair Billing Procedures Manual. Turn on/up your speakers to hear the presentation.

Related Support Documents

[Car Repair Billing Procedures Manual](#)

[Rule 83 FAQs](#)

[Car Repair Billing: Billing Repair Card FAQs](#)

[Car Repair Billing: Billing Repair Card User Guide](#)

[Car Repair Billing: Data Exchange Error Codes](#)

[Car Repair Billing: Data Exchange FAQs](#)

[Car Repair Billing Output \(CROP\) File Download Instructions](#)

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CRB Data Exchange Edits Comparison Chart—Record Format 1					
Global Edit: All "Alphabetic" and "Alphanumeric" codes MUST be Left-Justified. All "Numeric" fields MUST be Right-Justified. "Alphanumeric" fields may include special characters unless otherwise specified. "Must be Present" must be greater than spaces.					
<i>(Sorted in position order)</i>					
Item	Positions	Edit	Error Code	Jan 2019 – Jun 2019 DX Error Type	Jul 2019 – Dec 2019 DX Error Type
30	135–136	Removed Qualifier —If Machine Priceable="Y", must be blank, alphabetic or numeric-alphanumeric is invalid. The input value must adhere to one of the following: <ul style="list-style-type: none"> If Price Master Qualifier is numeric, may not exceed highest numeric qualifier applicable to the Job Code. If first character of qualifier="Z", no edit. (Note: If Price Master qualifier = '00', no Price Master edit) (Note: Removed Qualifier and Car Part Code are mutually exclusive and share the same field within the 500-byte record. See field 30A below.)	U	Information Only	Information Only
30A	135-137	Car Part Code (Removed Qualifier) —If Price Master Qualifier="VZ", must be a valid Car Part Code per Rule 83 in the Field Manual. (Note: Removed Qualifier and Car Part Code are mutually exclusive and share the same field within the 500-byte record. See field 30 above.)	U	Information Only	Information Only
32	138	Responsibility Code —Must be numeric; If Machine Priceable="Y", must be 1, 2 or 3 . Detail source CB will be excluded.	V	Information Only	Information Only
33	139–142	Defect Card/JIC Party — If Responsibility Code = 3, must be present and alphanumeric.	W	Mandatory Reject	Mandatory Reject

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CRB Price Master



- The AAR Price Master file is the machine-readable, binary version of the Price Matrices located in the AAR Office Manual. This is only available via FTP.
- The Price Master is distributed quarterly to subscribers and is only available via FTP.
- Subscribers must have a valid MARK or Company ID and also be an active CRB participant.

AAR Office Manual

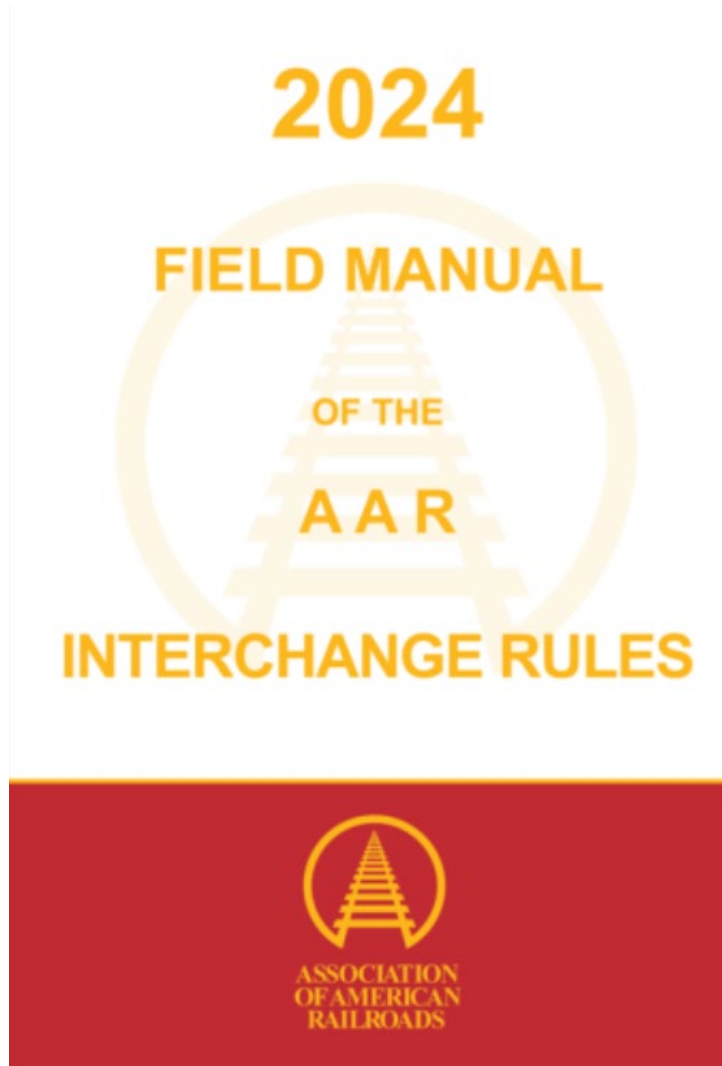


ASSOCIATION OF AMERICAN RAILROADS

2024 Office Manual
OF THE
AAR Interchange Rules

-  Rule 111— Car Repair Pricing
-  Rule 112— Car Repair Billing
-  Rule 113— Car Repair Billing Data Exchange Procedures
-  Rule 114— Mandatory Contact List Requirements

AAR Field Manual



📖 Rule 83— Preparation of Original Record of Repair and Billing Repair Data

CRB User Guide



Car Repair Billing (CRB): Billing Repair Card (BRC) User Guide



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Cary, North Carolina 27513

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Last Updated: November 2021

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- BRC information can be found starting on page 12 of the CRB User Guide.

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Common Issue: BRC SPLC



Billing Repair Card - Main

Car Initial *

Car Number *

Car Kind * ▼

Billed Company *

L/E/U Indicator * ▼

Repaired SPLC * 🔍

Detail Source * ▼

Date Repaired * 📅

Defect Card Party

Defect Card Date 📅

Repair Facility Type ▼

Repair Facility Arrival Da... 📅

Currency to use *

US ▼

Doc. Ref. Number

DDCT ID(XXXX99999999)

Recent Changes as of January 2024



- The Repair Facility Type is required and must be one of the following: BS, CS, ET, RT, LR, or YD. Tax Codes and Detail Sources CB, DE, DM, MA, and OT are excluded.
 - If the Repair Facility Type is not entered when it should be, you will receive error code C.
- If Detail Source 'GB' is used, then the corresponding job code must be a Group Billable job code.
 - If a Group Billable job code is not used when the detail source is GB, you will receive a Z9 error code.
 - Group Billable job codes:
1160, 1161, 1162, 1163, 1165, 1167, 1169, 1172, 1180, 1184, 1245, 1340, 1506, 1626, 1628, 1629, 1630, 1838, 1840, 1842, 1843, 1844, 1845, 1846, 1852, 2075, 2076, 4400, 4712, 4716, 4926, 4930

LOAs for CRB



- The Railinc Letter of Authorization (LOA) system allows users to grant CRB submitter and receiver rights to another company for them to manage.
- When creating the LOA please ensure that all fields, such as Agentmark, FTP Mailbox ID, and Mark, are accurately entered with the specific car repair billing access you are looking for.
- When a new LOA is submitted and approved, the CRB product support team will determine who is submitting and receiving data on behalf of the requested MARK.
- If you submit an LOA, please be prepared to correspond with CRB product support if it is found that another company already submits and/or receives CRB data for the MARK that was requested.

Missing Invoice



- Whenever a CRB participant contacts Railinc CSC about a missing invoice number, Railinc Product Support reviews the outbound file and the inbound file from the submitter to determine if the invoice in question was transmitted that month.
- “Missing” invoices are almost always due to not having been transmitted to the data exchange in the current month, or the MARK entered as the Billed Party is received by another company.

Duplicate Files



- If your file is partially accepted, submitting a corrected file of the same name will overwrite the previously rejected file.
- If you submit a corrected file under a new file name, both the partially rejected file and the new file will be distributed during the monthly Data Exchange.

Changing Email Addresses



- The outbound reports distributed by the CRB system are sent to the email addresses in the CRB security setup of the MARK in question.
- If you need to change the email addresses that receive outbound reports, contact CSC@Railinc.com or 877-RAILINC and be prepared to provide your Company ID or MARK, the email addresses that should be added or removed, and whether or not your company receives the detailed PDF report.

Need a File Resent?



- If you did not download your 500-byte file within the 14-day window, Railinc can resend your file for no cost prior to the next Data Exchange.
- Please contact CSC@Railinc.com or 877-RAILINC should you need your CROP file retransmitted.
- Be prepared to provide your MARK, the month the file was originally transmitted, and the file name if applicable.
- Note that if the next Data Exchange has already taken place, a retransmission fee may apply. See the [Railinc Price List](#) for details.

Links to CRB Documentation



- [Procedures Manual](#)*
- [CRB User Guide](#)*
- [CRB BRC FAQ](#)*
- [CRBDX Error Codes](#)*
- [Subscribe to the AAR Manuals](#)

*These documents can be found on www.Railinc.com

Railinc Keeps You Moving.

Alexes Carroll

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