Car Repair Billing Procedures Manual

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Document Control

Version History		
Version	**Date**	**Major Changes/Descriptions**
26.1	January 1, 2026	1. Updated 1.2.2.D. 2. Added IB Report screenshot to 1.2.3. 3. Added LOA link to 1.2.4.A and added Privacy Policy link to 1.2.4.B. 4. Changed submission and process dates in 1.3. 5. Updated 1.5.1.1. 6. Updated column headings in the Appendix C and D Edit Charts next release periods (in this case Jan 2026 – Jul 2026 and Jul 2026 – Oct 2026). 7. Added 6B, 9A and 10A in Appendix C. 8. Removed 2C and 2D and added CB to 2A and 2B in Appendix C Format 8 Chart 9. Added Error Codes ZA, ZB, ZC, ZD to Record Format 1 for CB record. 10. Added Car Initial and Car Number to Appendix N.1 11. Replaced Appendix Y
26.2	July 1, 2026	1. Updated column headings in the Appendix C and D Edit Charts next release periods (in this case Jul 2026 – Oct 2026 and Oct 2026 – Jan 2027). 2. In Appendix C, items 9A and 10A will be Informational Only for Jul 2026 – Oct 2026 and Mandatory Reject for Oct 2026 – Jan 2027. 3. In Appendix D, Error Codes ZA, ZB, ZC, and ZD will be Informational Only for Jul 2026 – Oct 2026 and Mandatory Reject for Oct 2026 – Jan 2027. 4. Updated Appendix Y, section Y.1.2 to include the following tables: “Required Fields for Unpaid Invoice Rejection Response (RS)” and “Required Fields for Paid Invoice Exception (EE) Response (EZ, RS)”. 5. Updated Appendix Y, section Y.1.3 to include a note about using underscores for spaces in attachment names.

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1 Data Exchange Procedures

1.1 Benefits from Car Repair Billing Data Exchange

The Car Repair Billing (CRB) Data Exchange System will afford each participant the opportunity to electronically accumulate individual car repair costs for accounting, auditing and analytical purposes. Implementation of the Car Repair Billing Data Exchange by the AAR/Railinc has greatly reduced these costs by automating, standardizing and centralizing the data collection and distribution processes. Efficiencies were observed in both data capture and audit function, and cost savings have become more impressive as the number of participants/subscribers continue to grow.

At present, Data Exchange files, representing over 500 marks, arrive at Railinc for processing. On a monthly basis, these files contain over 1 million car repair records and represent over $100M in car repair data. This centralization and distribution process represents a powerful tool for Railroads, Equipment Owners and Third Party Providers in communicating and reconciling account data.

1.1.1 Additional Data Exchange Submission Benefits

A. Consistency to ensure that all subscribers comply with AAR pricing procedures.

B. Low data capturing costs as the Data Exchange minimizes the need to manually enter Billing Repair Data (BRCs) payable prior to internal audit.

C. Potential reduction in auditing costs by minimizing data entry and eliminating manual auditing of bills payable.

D. Potential increased recovery by providing an economical means to prevent revenue lost through improper billing charges.

E. Electronic data submission supports in house auditing functions.

F. Increased identification of critical and non-critical billing errors. (Refer to Appendix C)

G. Facilitates electronic billing and re-billing as internal programs could generate new BRC detail and Counter Billing Authority (CBA) requirements.

H. Increased accuracy of the electronic billing data can be utilized for in house and AAR analytical purposes.

I. A vehicle for reporting and associating Component IDs and reporting repairs to the Equipment Health Management System.

1.1.2 Maintenance History Benefits—Data Exchange Receivers

A. Support failure trend analysis of components among car series for design and component manufacturer problems.

B. Support individual decision to repair or scrap car.

C. Support decisions to plan for production line repairs versus running cars in need of repairs, but not yet in Bad Order status.

D. Support more detailed auditing using each car's maintenance history, specifically warranted repairs, specific car type data and duplicate repairs to note exceptions.

E. Assist financial planning related to car replacement needs, capitalization studies and new budget developments for both stores and shop organizations.

F. Facilitates a research data bank to support technical and cost benefit studies.

1.1.3 Maintenance History Benefits—Industry

A. Equipment Instructions (EI), Informational Notice (IN), and Special Handling (SH) information related to repair history by the AAR.

B. Support AAR committee information requirements.

C. Permit monitoring of industry performance by the AAR.

D. Increased flexibility of retrieving data for special studies per the authorization of the AAR.

E. Facilitates research to support technical and cost benefit studies by the AAR.

F. Analyze failure trends of components among car series for design and component manufacturer problems by the AAR.

1.2 Participation in Railinc CRB Data Exchange

Companies must submit an email request to the following email address—csc@railinc.com at least **30** days in advance of their intent to join, modify, or terminate their participation in this system. Include an estimated volume count in your original notice. Participating companies must furnish the data as prescribed in this manual.

The record layout contained herein is mandatory per the AAR Office Manual Rules of Interchange, Rule 113 - Data Exchange Procedures.

Participating companies encountering any difficulties in complying with the requirements of this program should contact the csc@railinc.com.

1.2.1 Data Exchange Schedule

The following time schedule will govern participants in the CRB Data Exchange program:

A. The CRB Exchange data must be submitted to Railinc based on the annual schedule published by Railinc each December. The schedule will be approved by the CRB Committee prior to publication. Contact Railinc for this schedule at csc@railinc.com. In addition, the schedule is located on Railinc's corporate site located at https://public.railinc.com/products-services/car-repair-billing.

B. Railinc will process per the defined annual Data Exchange schedule.

C. Submitter will receive an email with the Inbound Data Exchange Log Report from the CRB Data Exchange. This report defines the status as well as the information only and mandatory error codes **(Appendix C)** will be electronically transmitted to all registered submitters upon inbound file processing. Participating submitters encountering any difficulties with input data should immediately contact Railinc at csc@railinc.com. (**Real Time status**)

D. Receivers will receive an email with the Outbound Data Exchange Log Report and notification the file is available to download. This report defines invoices distributed by the billed party contained in the outbound file. This report is distributed monthly per the Data Exchange schedule. Participating recipients encountering any difficulties with output data should immediately contact Railinc at csc@railinc.com.

1.2.2 Participant Profile Information

The CRB Data Exchange process is electronic therefore the following registration information is necessary:

A. **Primary Billing/Invoicing Party or designated Agent**. Identification of the registered Billing/Invoicing Party or designated agent used to submit/receive records from the Exchange. This information is used for CRB Data Exchange profile setup.

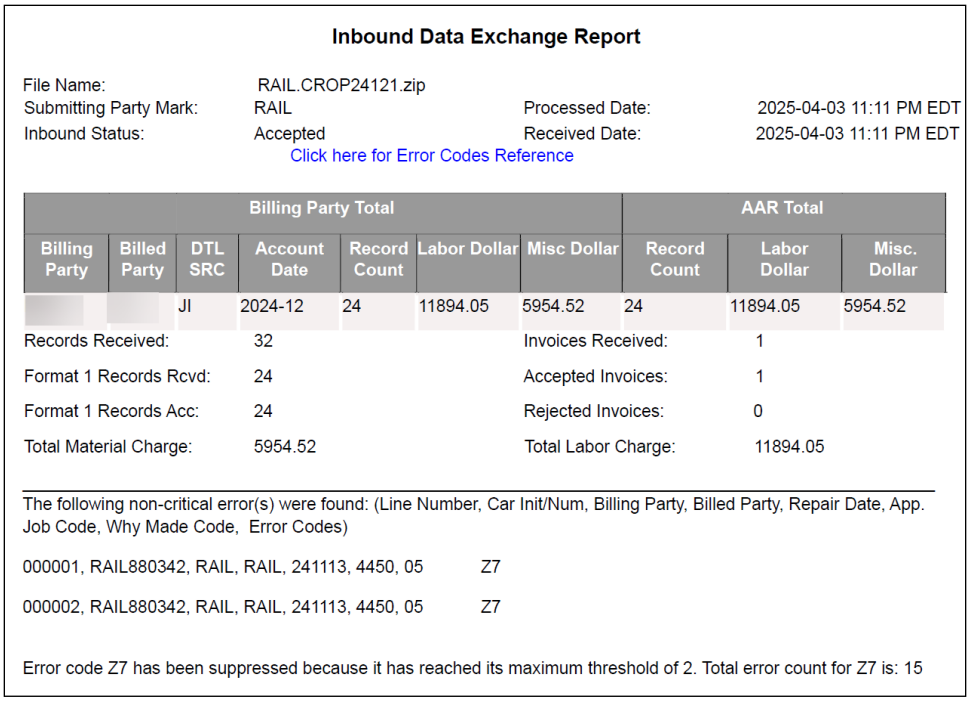
B. Identification of other **Billing Parties** which may be included in the data submitted for input to the Exchange.

C. Type of submission - FTP. Specific connectivity information (hardware addresses, port information, queue names, etc.) will be provided by the Data Exchange Product Support Team during the initial setup phase. Submitters with an existing Railinc FTP mailbox must provide this information at the time of setup.

D. The name, title, phone number, full address, and email address of the person responsible for submission of the CRB Exchange data will be kept on file. Communications will be sent to the email addresses defined by the local CRB Contact Admin for the submitter profile. This role manages the Car Repair Billing notification recipients and can be requested in the Railinc SSO Launch Pad.

1.2.3 Notification of Participation or Changes

A. All submissions received by Railinc that contain no critical errors will be submitted to output recipients. Submitted files must be in accepted or partially accepted status as defined in the Inbound Data Exchange Report.



Inbound Data Exchange Report

File Name: RAIL.CROP24121.zip
Submitting Party Mark: RAIL — Processed Date: 2025-04-03 11:11 PM EDT
Inbound Status: Accepted — Received Date: 2025-04-03 11:11 PM EDT
Click here for Error Codes Reference

Billing Party Total							AAR Total		
Billing Party	Billed Party	DTL SRC	Account Date	Record Count	Labor Dollar	Misc Dollar	Record Count	Labor Dollar	Misc. Dollar
		JI	2024-12	24	11894.05	5954.52	24	11894.05	5954.52

Records Received: 32 — Invoices Received: 1
Format 1 Records Rcvd: 24 — Accepted Invoices: 1
Format 1 Records Acc: 24 — Rejected Invoices: 0
Total Material Charge: 5954.52 — Total Labor Charge: 11894.05

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, RAIL880342, RAIL, RAIL, 241113, 4450, 05 Z7

000002, RAIL880342, RAIL, RAIL, 241113, 4450, 05 Z7

Error code Z7 has been suppressed because it has reached its maximum threshold of 2. Total error count for Z7 is: 15

B. Participants must submit data in accordance with the Data Exchange schedule referenced in Section 1.2.1.A.

1.2.4 Confidentiality

A. No company will be permitted access to the data of another company unless a letter of authority is on file from the car mark owner or the authorized agent. Refer to the Letter of Authorization product page for more information.

B. Unless prior approval is obtained, AAR statistical studies will be conducted by masking specific repairing or owning organization. Refer to Railinc's Privacy Policy for more information.

1.3 Data Submission and Receipt

Inbound (files submitted to Railinc) – All files must be in by the 2nd business day of each month.

Outbound (files sent from Railinc) – Will be processed on the 3rd business day of each month.

Business Day is based on the Railinc calendar. Refer to Section 1.2.1.A.

1.3.1 Data To Railinc

A. Data submitted for the CRB Data Exchange process must conform to the format in Appendix G and must be submitted in the sequence shown in Section 1.4.

B. Data submitted to Railinc via FTP must conform to the following rules.

- The file sent to Railinc via FTP must comply with the naming convention of CRIP*YYMM*.txt or CRIP*YYMM*.dat and converted to a ZIP with the same naming

convention. Submitters of files for more than one Billing/Invoicing Party must specify the Billing/Invoicing Party at the beginning of the file name (For example, CSXT_CRIP*YYMM*.TXT OR CSXT_CRIP*YYMM* .DAT and then ZIPPED with the same naming convention.).

- In the case of a file resubmission within the same Data Exchange period, the file name must be the same (including case sensitivity). For example, if the initial file is CSXT_CRIPYYMM.DAT then the resubmit Csxt_CRIPYYMM.DAT would be result in a duplicate file being processed.

- The file sent to Railinc via FTP must be sent to the authorized Car Repair Billing Mailboxes, setup by Railinc Product Support.

- Each zip file must contain one and only one text file.

C. Data received by the cut-off date, shown in the Data Exchange production schedule, will be processed for exchange in that month's cycle. This data may contain more than one account year and month depending upon the submitting parties' practices. No billing parties' data will be exchanged to billed parties in an out-of-balance condition.

Important Note:	Only one file can be submitted per month to Railinc. A file contains one or more invoices to one or more Billed Parties per AAR Rule 112.

D. The Billing/Invoicing Party or Billing Agent must submit invoices that correspond to the data submitted to the CRB Data Exchange process and the regular Car Repair bill (invoice) rendered to each billed company for each account year/month. Data submitted to the CRB Data Exchange process can include records for those charges for which a separate bill (invoice) is specified by the Office Manual, Rule 112.

E. Late Data Exchange submissions will be retained by Railinc for the next Data Exchange cycle.

F. Data for cars repaired by their owner (i.e. system repairs) may be submitted through the Data Exchange but will not be included in the Outbound File. These records will be used only in the development of industry statistics. (**This can be changed by the individual's system profile to pass all the way through the OB**)

G. If the file contains critical errors, Railinc will reject either the entire file or the invoice that contains the error. If Billing/Invoicing Party and or Billed Party marks are not valid or not found, they will be considered critical errors and records will be rejected/excluded from inbound file. Submitting party will receive notification of records being rejected/excluded.

1.3.2 Data From Railinc

A. Data from the CRB Data Exchange process will be distributed to the *Billed Party* per annual schedule published by Railinc. (Refer to Section 1.2.1.A) Any unexpected delays or modifications to this schedule will be communicated via email.

B. Data output will be furnished in the sequence shown in Section 1.4 and will be accompanied by the Control Reports and Invoice discussed in Section 1.5.

C. Receivers will receive an email with the Outbound Data Exchange Log Report and notification the file is available to download. Receivers are responsible for downloading their respective files from the FTP mailbox within 14 days of the Data Exchange Process run as specified by the Data Exchange schedule. (Refer to Section 1.2.1.A)

1.4 Processing Controls

A. Since the system involves not only a large volume of data, but also a considerable amount of money, CRB Committee has instituted a set of controls to ensure that all data received is completely accounted for.

B. The detail records are summarized and compared to the Billing Participant Summary (Type 8) and the Final Total Summary (Type 9) summary records.

C. Should it be necessary for Railinc to request a company to resubmit data at any time, the company should be prepared to resubmit for current month processing or include the data in the subsequent month's submission.

D. AAR / Railinc will notify the industry prior to the implementation of any change to the system.

1.5 Control Reports and Invoices

1.5.1 Reports Generated by Railinc

Submitters will receive an Inbound Data Exchange Report by email once the file has been processed.

The Billing Party Log for Data Distributed by Railinc is sent to Submitters once the CRB Data Exchange process is complete. This report defines what information is distributed to the billed parties. The Outbound Data Exchange Log Report is emailed to Receivers with invoices contained in the Outbound File accessible through the FTP mailbox.

1.5.1.1 Report Access

The notification emails for the Inbound Data Exchange Log, Billing Party Log, and Outbound Data Exchange Log reports include secure links to the Excel and PDF versions of these reports.

To access and download the Excel and PDF reports, Submitters and Receivers (as defined in Participation in Railinc CRB Data Exchange on page 2) must have a Railinc SSO Account and access to the "CRB Data Exchange Report Viewer" role, which is listed under Car Repair Billing in SSO. Additionally, an SSO User must have the "Data Exchange" box selected at minimum in their contact setup, which is managed by their local CRB Contact Admin. Refer to the *Access SSO and Railinc Applications Quick Guide* for more information.

1.5.2 Invoice

A Railinc CRB Data Exchange monthly billing invoice will be forwarded to the registered recipient of the CRB Data Exchange records from Railinc.

1.5.3 Billing For Railinc Data Center Processing Costs

Car Repair Billing Service Fee as listed in AAR Office Manual of Interchange Rules under Appendix E, Miscellaneous Fees for Interchange Services. You can also refer to the Car Repair Billing annual per car fee listed in Railinc's price list at https://public.railinc.com/support/railinc-price-list.

2 Pricing/Edit Programs – Removed

3 Editing Payables

3.1 Scope and Purpose

The scope and purpose of this documentation is not to establish a single system within the industry but to provide basic guidelines for editing CRB and to prepare an Electronic Car History File for the use of the car owner.

Each car owner should design a system which meets their own managerial requirements within their own processing and economic limitations. Consideration should be given to:

- Use of the Car Repair Billing Procedures Manual
- Methods of capturing non Data Exchange payable data
- Method for verifying car ownership and recording maintenance activity
- Retention of all repair detail as required
- Method to include exception letters
- Incorporation of multiple owner car fleets
- Integration with other managerial data processing systems
- Scope of charges for each car or class of cars:
  - Running Repairs
  - Damages, Destroyed, Miscellaneous Charges, etc.
  - Heavy Repair Expenses
- Extent and nature of management controls
  - Budget Planning
  - Verification of Bills Prior to Payment
  - Billing Trends by Billing/Invoicing Party and/or Repairing Party
  - Volume of Exceptions Identified

3.2 Post-Processing

3.2.1 Analysis

Reporting and analysis is left to the car owner or designated agent.

4 Price Master

4.1 Scope and Purpose

The US and Canadian Price Masters contain the costs for repairs as specified in the AAR Field Manual of the Interchange Rules. Both Price Masters are currently updated and released quarterly on January 1, April 1, July 1 and October 1 of each year. If crucial to meet industry requirements, interim Price Masters may be released. Records in both Price Masters contain the direct material price, the labor time standard for the fixed portion of the labor, the time standard for the variable portion of the labor, the labor cost for the fixed and variable portion of the labor and the credit for the material removed.

Note: There are two Price Master files distributed each quarter to recipients. The USPM.ZIP/CAPM.ZIP files include the current quarter data as well as the data from the previous eight quarters. The USSHPM.ZIP/CASHPM.ZIP files are a shorter version of the Price Master file that includes the current quarter data as well as the data from the previous four quarters.

4.2 Direct Material Prices

The material price is developed on the basis of a quarterly price survey. The survey consists of the following freight car parts:

- Parts representing the top 90% of material billed during the previous year
- One half of the next 20 highest items billed during the previous year.
- Additional parts as requested by the Car Repair Billing Committee
- All Wheel sets
- All End of Car Cushioning Devices
- All air brake valve portions

For parts not surveyed in the quarter and not frozen, the prices are indexed using the AAR's Cost Recovery Index.

4.3 US Price Master

The US Price Master is used to edit and price bills issued between any car owner and Billing/Invoicing Party. The US Price Master is created and distributed by the AAR.

The Material Quote survey is sent primarily to the AAR Class I member railroads. The prices received are reviewed for accuracy and consistency. The price in the Price Master is the average of the valid prices received.

4.4 Canadian Price Master

The Canadian Price Master is used to edit and price repairs when both the car owner and the repairing party are located in Canada. The Canadian Price Master is created and distributed by AAR.

Material prices in the Canadian Price Master are the same prices in the US Price Master, with an exchange rate applied. The exchange rate, as published by The Bank of Canada, on the first business day of the prior quarter will determine the exchange rate applied to material prices for the current quarter.

4.5 Labor Charge

The labor charge for each repair is the product of the labor time standard and the labor rate.

4.6 Labor Time Standards

The Car Repair Billing Committee develops and maintains the labor time standard for each job code by studying the performance of the repair primarily at a railroad repair facility. The repair process is generally filmed. By reviewing the video, the repair is broken down into tasks and each task into the elements required to complete the task. The AAR's time standard development system, Modular Arrangement of Predetermined Time Standards (MODAPTS), is then used to develop and maintain a time standard that represents the steps, motions and processes required to complete the repair. The final time standard is compared to the film of the actual repair to assure the standard is complete and accurate.

4.7 Labor Rate

The labor rate is a charge for each hour of labor required to complete a repair. The labor rate consists of the base hourly wage, fringe benefits and overhead rate. *See Office Manual Rule 111*

4.8 Material Credit

The material credit reflects the value of the material removed during the repair. The credit may reflect the scrap value or secondhand value depending on the condition of the material removed.

4.9 CRB Pricing Methodology

Calculating the Price of a repair is as follows:
Price_of_Repair = (Price_Master_Material_Price – Price_Master_Credit_Price) * Quantity_of_Repair + (Price_Master_Variable_Labor_Price * Quantity_of_Repair) + Price_Master_Fixed_Labor_Price

5 Railinc Internet Billing Repair System

The Railinc Internet Billing Repair System (BRC) 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.

To register for the BRC system, go to the Railinc Corporate site at http://www.railinc.com, select **Customer Login** at the top right, and then select **Create an account now**.

The BRC system was designed to allow the BRC User to issue Car Repair Billing invoices in accordance with the Interchange Rules listed in the AAR Field and Office Manuals.

The system provides a standard on-line interface where users can enter, manage and invoice billing repair data. This process starts with creating billing repair data for submission to the Data Exchange. The user also has the option to submit manually priced billing repair data. Data can either be priced successfully or returned with errors. Any errors must be corrected and resubmitted before the data can be invoiced or sent for Data Exchange. A validated repair bill can be gathered with other bills for a particular car owner and consolidated into one invoice per Billed Party. For more information on the BRC application, refer to Railinc's corporate site at https://public.railinc.com/products-services/car-repair-billing.

Appendix A General Definitions

A.1 Qualifier Field (Qualifiers/Car Part Codes)

Certain Applied and Removed Job Codes have a related alpha car part code or numeric qualifier field which must be reported where the AAR Interchange Rules require this coding.

The coding structure encompasses two items:

1. ***Qualifiers*** (Defined in AAR Field Manual Section B-Correct Repair Charts or Section E - General Information) - A **2**-digit, numeric code to identify a specific manufacturer, model, design, AAR group designation, or to provide additional information associated with a specific Job Code. For example (from AAR Rule 21), Job Code 2436 **01** (Cardwell Westinghouse Mark R500) or Job Code 2436 **10** (Cardwell Westinghouse Mark 50).

   Qualifiers always start at 01 and cannot have duplicates. However, Qualifiers may have open numbers or the item that used Qualifier 01 in a particular chart was discontinued or made obsolete and now the first item in that chart has a Qualifier greater than 01. The Price Master File contains the highest valid number for the Applied and/or Removed Job Code.

2. ***Car Parts*** (Defined in AAR Field Manual Rule 83) - A 2- or 3-character alphabetic code to identify specific car parts for manufactured material, labor, or securement reporting. For example, Job Code 4450 **EC** (Brake Beam Safety Support) or Job Code 4450 **QR** (Side Door).

   The Price Master File specifies "VZ" to indicate that a Car Part Code is required for the Applied and/or Removed Job Code.

A.2 Job Code Field

Job Codes are unique **4**-digit numbers that identify the inspection, repair, and/or testing performed, or the car component applied or removed. This code will carry a net applied price or a specific rate per some quantity of work such as hours of labor or inches of welding.

Job Codes are assigned by the AAR Car Repair Billing Committee. Job Code numbers below **1000** have been reserved for use by repairing party's *in-house* reporting programs. Job Codes 7000 and above (as found in Appendix D in the AAR Field Manual) are not AAR issued or governed by the AAR. These are listed to provide and facilitate comprehensive reporting of system and contract shop repairs to tank cars and covered hopper cars but are not considered AAR Interchange Billing. Any Job code submitted above 6999 must use the "N" in the machine priceable indicator field. (See Section A.10).

No specific range is assigned to separate major car parts but wherever the last **2** digits are **99**, this code is used to report actual material situations or other special situations. These codes should be used only when manufactured material per AAR Field Manual Rule 72 is involved or for billing related to a Damaged, Dismantled or Destroyed Unit as described in AAR Rule 111. This is also used to report wheel set transfers (Job Code 3399) per AAR Field Manual Rule 44. (See Car Repair Billing Procedures Manual Appendices Q, R and T).

A.3 Responsibility Code Field

One character numeric code used to designate responsibility for repairs made to a car. *See AAR Field Manual Rule 83.*

Code	Responsible Party
1	Owner
2	Handling Line (H/L)
3	Defect Card or Joint Inspection Certificate Authority

A.4 Standard Point Location Code Field (SPLC)

The Standard Point Location Code (SPLC) is the selected means of identifying all repair locations on the North American Continent for the following reasons:

- Uniformity of Interpretation
- Used in Other Data Exchange Systems
- Controlled Assignment by Each Company
- A Multi-Level Coding Structure

The coding levels are:

A	Region
B	State/Province
CC	County
DD	Location

A Repairing Party should submit their request for new coding to the AAR/Railinc Business Services Division for incorporation into the Centralized Station Master file.

Important Note: In SPLCs established for Canada and Mexico, the first digit **A** (for Region) has been defined as:

Canada = **0**XXXXX
Mexico = **9**XXXXX

The Data Exchange layout contains a mandatory 6 digit SPLC field and an optional 9 digit SPLC field. At a future date (to be determined by CRB Committee), the 6 digit SPLC field will be retired and our industry will be required to report SPLC in the 9 digit field.

Also refer to http://www.nmfta.org/pages/splc.aspx

A.5 Repair Facility Type Field

The Repair Facility Type field uses a 2-character code to identify the type of facility where car repairs were performed. See AAR Field Manual Rule 83 and Appendix A Definitions for further information.

BS = Back Shop
CS = Contract Shop
ET = Expedite Track
RT = Repair Track
LR = Line of Road
YD = Yard Repair

A.6 Reporting Quantity Field

Unit of Measure Code	Master Definition	Rule References	Field Reporting
1	Each or Assembly	3-8, 10–13, 16–22, 36–37, 41, 43–44, 46–48, 50, 53, 57–59, 61–66, 68, 71, 72, 74–75, 77, 79–81	Whole Number
2	Weight in Pounds	60, 68, 69, 76, 82	Drop less than 1/2 lb., Add 1 if 1/2 lb. or over
3	Length in Feet	4, 5, 11, 53, 73, 81	Drop less than 6 in. Add 1 ft. if 6 in. or over
	Length in Inches	82	Whole Number
4	Hours of Labor	68, 75	Exact 1/10 of hour
5	Weight (in Cubic Weight)	n/a	n/a
6	Square Feet	78, 80	Drop less than 1/2 sq. ft., Add 1 if 1/2 sq. ft. or over
7	Quarts	68	Add 1 for any fraction of a quart
8	Board Feet	78	Drop less than 1/2 bd. ft., Add 1 if 1/2 bd. ft. or over
9	Per 1000 Gallons	81	On fractions, drop if less than 500 gal. Add 1 if 500 gal. or over
0	Gallon/Other	13, 16–21, 36, 59, 68, 74, 75	If reporting gallon add 1 for any fraction of a gallon

A.7 Reporting Description Field

Rule 41 requires the reporting of numeric information for wheel plates with respect to gauge readings and manufacture dates (XX is allowed when manufactures date is unknown on removed wheel only). Numeric data is to be shown in the *Description* field. Rule 41 also requires the reporting of alpha Wheel Manufacturer and Wheel Class Identification data. This data is also to be shown in the *Description* field.

Whenever undefined Car Part Codes ZA through ZH are reported in the Qualifier field per AAR Field Manual Rule 83, a **narrative description** to properly identify a part must be used. (Note - This description must not simply be the same as shown in the Car Part Code Description for ZA through ZH. It must specifically identify the part and it is limited to 50 characters).

Per AAR Field Manual Rule 72 (99 Job Codes), a **narrative description** is required to properly identify a part. If Car Part Codes ZA through ZH are used with a XX99 Job Code, this description must not simply be the same as shown in the Car Part Code Description for ZA through ZH. It must specifically identify the part and it is limited to 50 characters.

A.8 Rule 72 Manufactured Material and Rule 75 Miscellaneous Labor (XX99 Job Codes)

Miscellaneous material and certain miscellaneous labor job codes are reported by a Job Code ending in 99 per AAR Field Manual Rules 72 and 75. Car Part Codes per the AAR Field Manual, Rule 83 must be used in conjunction with XX99 Job Codes, except as identified below.

The code structure is:

1999 Air Brake Parts, Accessories and Brake Details other than Air Brakes

2999 Couplers, Coupler Yokes, Draft Gears and associated details

3399 Wheel Set Transfers (only to be used to report a wheel set transfer described in AAR Field Manual Rules 36 and 44. This XX99 Job Code does not require the use of a Car Part Code).

3999 Truck Details

4099 Superstructure, including Car Body, Underframe, Doors, Ends, Floors, Roofs and their Accessories

4499 Cost of Loading. This Job Code does not require the use of a Car Part Code.

4599 Special Equipment includes Mechanical Refrigeration, Auto Loading, and TOFC Equipment.

4699 Cost of Unloading. This Job Code does not require the use of a Car Part Code.

4999 General Miscellaneous

5799 Transfer of Lading per Rules 96 and 108. This Job Code does not require the use of a Car Part Code.

5999 Material supplied by car owner. Also used for freight on material supplied by car owner with condition code 0. To be used only by car owner when furnishing material. See Office Manual Rule 111.

6999 To be used only when there is no specific job code for a component that requires the reporting of an AAR Component ID. Report applicable Car part identification code as noted in the specific rules where the use of this job code is permitted. Report applicable location when required.

A.9 Priceable Repair (Machine Priceable)

For a repair to be priced using the AAR Price Master you must use valid couplets (i.e., Applied/Removed Job Codes, Why Made Codes, Condition Codes, Responsibility Codes) and specify “Y” in Machine Priceable indicator field.

A.10 Non Priceable Repair (Manually Priceable)

To enter a manually priced repair on a valid Job Code (overriding the AAR Pricing) you must specify “N” in Machine Priceable indicator field. All 99 Job Codes must be manually priced.

A.11 Wrong Repair

Whenever an improper or non-permissible repair is made and reported through an invalid Applied/Removed Job Code couplet, this must be indicated by placing a 'Y' in the 'Wrong Repair Indicator' field. Leaving this field blank or by placing an 'N' indicates correct repairs.

When the wrong repair indicator is set to "Y", charge will be priced at zero for Applied/Removed Job Code couplet. It is the responsibility of the Car Mark Owner and Car Mark Agent to follow OM Rule 111 10.C. regarding further handling of a wrong repair situation.

A.12 Customer Identification File (CIF)

The Customer Identification File (CIF), accessible through Railinc.com, is an electronic reference file developed for the freight transportation industry. The CIF contains the name, physical and mailing addresses, corporate parent identification and a unique identification code for each location of a transportation carrier customer. The identification code is used in exchanges of shipment information.

With CIF, carriers can locate unique customer identification codes; get up-to-date customer information such as legal and doing-business-as names; find physical and mailing addresses; locate corporate parent identification and other hierarchical data; and access unique identification codes for location and sub-location records.

Currently all CIF-related field information is optional to report in CRB.

A.13 Proper Usage of Detail Source Codes

BR Billing Repair Data—Used when detail record of repairs are prepared by all signatorys or agents thereof in accordance with AAR Rule 83.

CB Counter Billing Authority—Used when billing for authorization of exceptions, data positions 33-47 Document Reference Number) must be populated with authorization document number issued by authorization party.

DC Defect Card—Used when repairs (responsibility 3) are performed on authority of an issued Defect Card only.

DE Destroyed Equipment [Rule 107]—Used only when unit is destroyed per Rule 107 guidelines.

DM Dismantled Equipment [Rule 108]—Used only for equipment/units requiring extensive repairs per Rule 108.

DR Defect Card Rebuttal Billing—Used when Car Mark Owner re-bills Defect Card repairs (responsibility 3) made by an intermediate railroad, of which the electronic data has previously passed through data exchange.

GB Group Billable—Used when repairs are performed by all signatorys or agents thereof in accordance with AAR Office Manual Rule 112.

GT Canadian Goods and Services Tax—Used only for repairs performed for car marks that are registered and resident in Canada.

HT Canadian Harmonized Tax—Used only for repairs performed on car marks that are registered and resident in the Canadian Maritimes.

IV Imposed Value Added Mexican Tax—Used only for repairs performed and billed between Mexican RR in Mexico.

JD Joint Inspection/Defect Card Billing for Retired/Dismantled Unit—JIC or Defect Card billing for a retired/dismantled unit not actually repaired (Rule 102).

JI Joint Inspection—Used when repairs (responsibility 3) are performed on authority of an endorsed JIC only.

JR Joint Inspection Rebuttal Billing—Used when Car Mark Owner re-bills JIC repairs (responsibility 3) made by a third party repair facility, of which the electronic data has previously passed through data exchange.

MA Material Supplied [Rule 85]—Used for Car Mark Owner to bill railroad for material shipped per Rule 85.

OT Other—Used only when no other valid Detail Source applies. Billing Party must contact Billed Party prior to submitting this detail source through data exchange

PT Canadian Provincial Sales Tax—Used only for repairs performed on car marks that are registered and resident in Canada.

QT Quebec Sales Tax—Used only for repairs performed on car marks that are registered and resident in Quebec, Canada.

RE Rebuttal Billing—Used to re-bill (responsibility 1) repairs to a Maintenance Responsible Party, of which the electronic data has previously passed through data exchange.

SH Shop Billing—Used when the repair facility is one of the following:

- Contract Shop - A repair facility designated by car owner to perform repairs to interchange freight cars. Any repairs performed by a subscriber to the interchange agreement of the Association of American Railroads, including any repairs performed on the subscriber's behalf by a contract shop, must be done in compliance with AAR Interchange Rules and applicable governmental regulations.
- Back Shop - A railroad's repair facility(s) for performing heavy repairs or wreck repairs (sometimes referred to as heavy shop or system maintenance facility).

A.14 Location Codes

Valid single unit location values are:
A, B, C, R, L, 1, 2, 3, 4, 5, 6, 7, 8, AR, AL, BR, BL, R1, R2, R3, R4, R5, R6, R7, R8, L1, L2, L3, L4, L5, L6, L7, L8 and spaces.

Valid Articulated location values are:
A, B, C, D, E, F, X, Y, Z, R, L, 1, 2, 3, 4, 5, 6, 7, 8, 9, AR, BR, CR, DR, ER, FR, AL, BL, CL, DL, EL, FL, R1, R2, R3, R4, R5, R6, R7, R8, R9, L1, L2, L3, L4, L5, L6, L7, L8, L9, RX, RY, RZ, LX, LY, LZ and spaces.

Valid Drawbar location values are:
A, B, C, D, E, F, G, H, I, J, L, P, Q, R, S, T, U, V, W, X, Y, Z, 1, 2, 3, 4, 5, 6, 7, 8, 9, AR, BR, CR, DR, ER, FR, GR, HR, IR, JR, AL, BL, CL, DL, EL, FL, GL, HL, IL, JL, R1, R2, R3, R4, R5, R6, R7, R8, R9, L1, L2, L3, L4, L5, L6, L7, L8, L9, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, CD, EF, GH, IJ and spaces.

A.15 Location Mapping To Price Master File

Location mapping is used when programming using the Price Master file. There are different mappings for single unit, articulated and drawbar car types.

Use for Single Unit Car Types:

Repair Location Value	Price Master Position
'A '	1
' A'	1
'B '	2
' B'	2
'C '	3
' C'	3
'R '	4
' R'	4
'L '	5
' L'	5
'1 '	6
' 1'	6
'2 '	6
' 2'	6
'3 '	6
' 3'	6

Repair Location Value	Price Master Position
'4 '	6
' 4'	6
'5 '	6
' 5'	6
'6 '	6
' 6'	6
'7 '	6
' 7'	6
'8 '	6
' 8'	6
'AR'	7
'AL'	7
'BR'	7
'BL'	7
'R1'	8
'R2'	8

Repair Location Value	Price Master Position
'R3'	8
'R4'	8
'R5'	8
'R6'	8
'R7'	8
'R8'	8
'L1'	8
'L2'	8
'L3'	8
'L4'	8
'L5'	8
'L6'	8
'L7'	8
'L8'	8
Blanks	10

Use for Articulated Car Types:

Repair Location Value	Price Master Position
'A '	1
' A'	1
'B '	1
' B'	1
'C '	2
' C'	2
'D '	2
' D'	2
'E '	2
' E'	2
'F '	3
' F'	3
'X '	4
' X'	4
'Y '	4
' Y'	4
'Z '	4
' Z'	4
'R '	5
' R'	5
'L '	5
' L'	5
'1 '	6
' 1'	6
'2 '	6
' 2'	6

Repair Location Value	Price Master Position
'3 '	6
' 3'	6
'4 '	6
' 4'	6
'5 '	6
' 5'	6
'6 '	6
' 6'	6
'7 '	6
' 7'	6
'8 '	6
' 8'	6
'9 '	6
' 9'	6
'AR'	7
'BR'	7
'CR'	7
'DR'	7
'ER'	7
'FR'	7
'AL'	7
'BL'	7
'CL'	7
'DL'	7
'EL'	7
'FL'	7

Repair Location Value	Price Master Position
'R1'	8
'R2'	8
'R3'	8
'R4'	8
'R5'	8
'R6'	8
'R7'	8
'R8'	8
'R9'	8
'L1'	8
'L2'	8
'L3'	8
'L4'	8
'L5'	8
'L6'	8
'L7'	8
'L8'	8
'L9'	8
'RX'	8
'RY'	8
'RZ'	8
'LX'	8
'LY'	8
'LZ'	8
Blanks	10

Use for Drawbar Car Types:

Repair Location Value	Price Master Position
'A '	1
' A'	1
'B '	1
' B'	1
'C '	2
' C'	2
'D '	2
' D'	2
'E '	2
' E'	2
'F '	3
' F'	3
'G '	3
' G'	3
'H '	3
' H'	3
'I '	3
' I'	3
'J '	3
' J'	3
'L '	4
' L'	4
'P '	4
' P'	4
'Q '	4
' Q'	4
'R '	4
' R'	4
'S '	4
' S'	4
'T '	4
' T'	4

Repair Location Value	Price Master Position
'U '	4
' U'	4
'V '	4
' V'	4
'W '	4
' W'	4
Blanks	5
'X '	6
' X'	6
'Y '	6
' Y'	6
'Z '	6
' Z'	6
'1 '	7
' 1'	7
'2 '	7
' 2'	7
'3 '	7
' 3'	7
'4 '	7
' 4'	7
'5 '	7
' 5'	7
'6 '	7
' 6'	7
'7 '	7
' 7'	7
'8 '	7
' 8'	7
'9 '	7
' 9'	7
'AR'	8

Repair Location Value	Price Master Position
'BR'	8
'CR'	8
'DR'	8
'ER'	8
'FR'	8
'GR'	8
'HR'	8
'IR'	8
'JR'	8
'AL'	8
'BL'	8
'CL'	8
'DL'	8
'EL'	8
'FL'	8
'GL'	8
'HL'	8
'IL'	8
'JL'	8
'R1'	9
'R2'	9
'R3'	9
'R4'	9
'R5'	9
'R6'	9
'R7'	9
'R8'	9
'R9'	9
'L1'	9
'L2'	9
'L3'	9
'L4'	9

Repair Location Value	Price Master Position
'L5'	9
'L6'	9
'L7'	9
'L8'	9
'L9'	9
'RP'	9
'RQ'	9
'RR'	9
'RS'	9
'RT'	9
'RU'	9
'RV'	9
'RW'	9
'RX'	9
'RY'	9
'RZ'	9
'LP'	9
'LQ'	9
'LR'	9
'LS'	9
'LT'	9
'LU'	9
'LV'	9
'LW'	9
'LX'	9
'LY'	9
'LZ'	9
'CD'	10
'EF'	10
'GH'	10
'IJ'	10

A.16 Definition of Rebuttal for the Purpose of this Document

Car Repair Data which has initially passed through data exchange under Detail Source Codes: BR, DC, GB, JI and then rebilled to a third party. No other Detail Sources Codes shall be rebuttaled. The rebuttal billing would use Detail Source Codes DR, JR, or RE based on the types of repairs that are rebuttal billed.

A.17 AAR Component ID

AAR Component ID – The crux of the AAR component tracking processes is the standard AAR Component ID. The AAR Component ID is found on the AAR standard bar code and is used as the primary identifier in all industry databases. It is used to track critical components, as defined by the AAR. The AAR Component ID consists of a 4-character (or 4 byte) Company code and a 10-digit (or 10 byte) number. Combined, these unique 14 bytes are the standard AAR Component ID (for example: ABCD1234567890).

All wheel sets, couplers, side frames and bolsters should have on them at least one AAR standard bar code label with the AAR Component ID (both encoded and in human readable form). It is intended that this methodology will be duplicated for all tracked critical components in the AAR realm.

A.18 Billing Repair Card

Line Number – Must be unique within a Billing Repair Card. **Billing Repair Card** Data Exchange requirements are defined as the unique combination of Billing Party/Billed Party/Car Initial/Car Number/Repair Date/SPLC. Line numbers that are repeated within a Billing Repair Card are not allowed. Tax codes and Detail Sources CB, DE, and DM are excluded.

Unique Billing Repair Card Examples

Billing Repair Card

Record Format	Billing Party	Billed Party	Car Initial	Car Number	Repair Date	SPLC	Line Number	
1	XXXX	YYYY	RAIL	00001234	7/9/2018	411657000	1	BRC w/o unique Billing Party/Billed Party/Car Initial/Car Number/Repair Date/SPLC - with duplicate Line Number BRC is not allowed.
1	XXXX	YYYY	RAIL	00001234	7/9/2018	411657000	1	
1	XXXX	YYYY	RAIL	00001234	7/9/2018	411657000	1	BRC w/unique Billing Party/Billed Party/Car Initial/Car Number/Repair Date/SPLC - with different Line Number BRC is allowed.
1	XXXX	YYYY	RAIL	00001234	7/9/2018	411657000	2	
1	XXXX	YYYY	RAIL	00001234	7/10/2018	411657000	1	BRC w/different Repair Date
1	XXXX	ZZZZ	RAIL	00001234	7/10/2018	411657000	1	BRC w/different Billed Party
1	YYYY	ZZZZ	RAIL	00001234	7/10/2018	411657000	1	BRC w/different Billing Party
1	XXXX	YYYY	RAIL	00004567	7/10/2018	411657000	1	BRC w/different Car Number
1	XXXX	YYYY	RAIL	00004567	7/10/2018	411700000	1	BRC w/different SPLC

Appendix B FTP Inbound / Outbound Files

B.1 Inbound/Outbound Files

Data Exchange and Price Master participants must utilize a FTP mailbox to send or receive Car Repair Billing and/or Price Master files. Railinc will set up and designate an FTP (File Transfer Protocol) mailbox for every participating (Data Exchange and/or Price Master) company's Car Repair Billing profile. The Data Exchange participant must send/receive the monthly invoices to/from the designated mailboxes in accordance with the Data Exchange production schedule. Similarly, the Price Master recipient receives the Price Master file from the same mailbox.

B.2 FTP

The Inbound/Outbound files are accessible via FTP. The participants must use their defined FTP mailbox to upload/download Car Repair Billing (CRB) Data Exchange and/or Price Master files. Railinc will provide a sample FTP script to upload or download files automatically to/from the designated mailboxes.

The CRB Data Exchange participants are encouraged to use Railinc's test environment to test their inbound files. Railinc required new particpants to send two files for Railinc to upload in the test environment. The Inbound Status Report will be provided to new participants for corrections. To schedule testing, the participant should contact Railinc's Customer Success Center.

The contact at Railinc will be:

Railinc Customer Success Center
Railinc
11000 Weston Parkway, Suite 200
Cary, North Carolina 27513
csc@railinc.com

Appendix C Edit Charts

C.1 Edit Chart 1—Data Exchange—Removed

Refer to Car Repair Billing Data Exchange Error Codes.

Use the following procedure to access these Error Codes:

1. Visit https://www.railinc.com/.
2. Select **Products & Services**.
3. Under Industry Products, select **Car Repair Billing**.
4. Under Related Support Documents, select **Car Repair Billing: Data Exchange Error Codes**.

C.2 Edit Chart 2—Removed

C.3 Edit Chart 3—Data Exchange

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.				
(Sorted in position order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
1	1	**Record Format**—Must be '1'.	1A	Mandatory Reject	Mandatory Reject
2	2–5	**Billing/Invoicing Party Initial**—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billing/Invoicing Party.	1B	Mandatory Reject	Mandatory Reject
3	6–9	**Billed Party**—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billed/Invoiced Party.	1C	Mandatory Reject	Mandatory Reject
4	10–13	**Account Date (YYMM)**—Must be present and valid numeric date format (YYMM). Must not be older than one year from the current year/month and must not be in the future. If a resubmitted invoice, then must not be older than 24 months from the current year/month and not be in the future.	1D	Mandatory Reject	Mandatory Reject
5	14–29	**Invoice Number**—Must be present and alphanumeric.	1E	Mandatory Reject	Mandatory Reject
6	30	***Price Master Currency Indicator***—Must be 'U' (US) or 'C' (Canada).	1F	Mandatory Reject	Mandatory Reject
6A	30, 120–123, 117, 131–134, 127–128, 138	**Price Master Currency Indicator/Applied Job Code/Condition Code/Removed Job Code/Why Made Code/Responsibility Code**—If Machine Priceable Indicator = "Y" or "H", then the combination of these fields must exist in the Price Master.	R	Mandatory Reject	Mandatory Reject
		If Machine Priceable Indicator = "Y" or "H", the combination of these fields must be in the price master for that repair date.	R2	Mandatory Reject	Mandatory Reject
6B	30-32	**Price Master Currency Indicator**—If Detail Source is GT, PT, QT, HT then Currency Indicator must be "C". If Detail Source is IV, then Currency Indicator must be "U".	R1	Information Only	Information Only
7	31–32	**Detail Source**—Must be one of the following: BR, CB, DC, DE, DM, DR, GB, GT, HT, IV, JD, JI, JR, MA, OT, PT, QT, RE, SH.	A	Mandatory Reject	Mandatory Reject

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.

(Sorted in position order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
8	33–47	**Document Reference Number**—Required for Counter Billing Authority number. Must be present for detail source "CB".	1G	Mandatory Reject	Mandatory Reject
9	48-51	**Car Initial**—Must be present and alphabetic. This should be the reporting mark of the car. CB will be excluded. Effective July 2026, 9A will be merged into 9.	H	Mandatory Reject	Mandatory Reject
9A	48-51	**Car Initial**—Must be present and alphabetic for Tax Codes (Detail Source GT, PT, QT, HT, or IV).	H1	Information Only	Mandatory Reject (Will merge into Item 9)
10	52–57	**Car Number**—Must be numeric and greater than zero. CB will be excluded. Effective July 2026, 10A will be merged into 10.	J	Mandatory Reject	Mandatory Reject
10A	52-57	**Car Number**—Must be numeric and greater than zero for Tax Codes (Detail Source GT, PT, QT, HT, or IV).	J1	Information Only	Mandatory Reject (Will merge into Item 10)
9,10	48-57	**Car Initial/Car Number**—Combination must be registered in Umler at time of repalir. Tax Codes and Detail Sources CB, DE, DM and JD are excluded.	1X	Information Only	Information Only
11	58	**Kind of Car Symbol**—Must be alphabetic. Must equal one of the valid car symbols listed in Field Manual Rule 83. Tax codes, CB, GB, and RE will be excluded.	K	Mandatory Reject	Mandatory Reject
11A	58	Kind of Car Symbol 'E' is only valid with EOT Job Codes. Detail Source GB, CB, RE, and Tax Codes will be excluded. For Detail Source GB, if no Kind of Car Symbol, then no edit.	K1	Mandatory Reject	Mandatory Reject
12	59	**Load/Empty Indicator**—Must be L, E or U. (Blank allowable for Detail Source GB. Report U if a GB is subsequently rebuttal billed under RE). Tax codes and CB will be excluded.	B	Mandatory Reject	Mandatory Reject

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.				
(Sorted in position order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
13	60–65	**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. Detail Source RE, JR, and DR excluded. If a resubmitted invoice, then must not be older than 24 months from the current Accounting Month and not be in the future.	6	Mandatory Reject	Mandatory Reject
13A	60-65	**Repair Date (YYMMDD)**—Cannot be greater than the Account Date. Must be within 13 months of current date. Detail Source BR, DC, DE, DM, DR, GB, JR, RE and MA excluded. If a resubmitted invoice, then must not be older than 24 months from the current date and not be in the future.	1T	Mandatory Reject	Mandatory Reject
13B	60-65	**Repair Date (YYMMDD)**—Cannot be greater than the Account Date. Must be within 7 months of current date when submitted with Detail Source BR and GB. All other Detail Sources are excluded. If a resubmitted invoice, then must not be older than 24 months from the current date and not be in the future.	2T	Mandatory Reject	Mandatory Reject
13D	60-65	**Repair Date (YYMMDD)**—Cannot be greater than the Account Date. Must be within 7 months of current date when submitted with Detail Source JD and JI. All other Detail Sources are excluded. If a resubmitted invoice, then must not be older than 24 months from the current date and not be in the future. Applies to repair dates January 1, 2021 and greater.	4T	Mandatory Reject	Mandatory Reject
13E	60-65	**Repair Date (YYMMDD)**—Cannot be greater than the Account Date. Must be within 4 months of current date when submitted with Detail Source BR, GB, MA, DC, DE, DM. All other Detail Sources are excluded. If a resubmitted invoice, then must not be older than 24 months from the current date and not be in the future. Applies to repair dates January 1, 2022 and greater.	5T	Mandatory Reject	Mandatory Reject

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.

(Sorted in position order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
13F	60-65	**Repair Date (YYMMDD)**—For Detail Source CB, set Repair Date to the CBA date. Cannot be greater than the Account Date. Must be within 7 months of current date. If a resubmitted invoice, then must not be older than 24 months from the current date and not be in the future. Applies to repair dates January 1, 2022 and greater.	8T	Mandatory Reject	Mandatory Reject
13G	60-65	**Repair Date (YYMMDD)**—Cannot be greater than the Account Date. Must be within 7 months of current date when submitted with Detail Source OT. All other Detail Sources are excluded. If a resubmitted invoice, then must not be older than 24 months from the current date and not be in the future. Applies to repair dates January 1, 2022 and greater.	7T	Mandatory Reject	Mandatory Reject
14	66–71	**SPLC**—Must be numeric and greater than zero. Tax codes, DE, DM and CB will be excluded.	5	Mandatory Reject	Mandatory Reject
14A	66-71	**SPLC**—Must be a registered SPLC. Tax Codes, DE, DM, and CB Detail Source are excluded.	1W	Information Only	Information Only
15	72–75	**Repairing Party**—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billing/Invoicing Party. If Billing/Invoicing Party is a Running Repair Agent (as found in Appendix H of AAR Office Manual or in FindUs.Rail), should show Sponsoring Railroad reporting mark.	I	Mandatory Reject	Mandatory Reject
16	76–91	**Repairing Party Invoice Number**—Must be present and alphanumeric. If Billing/Invoicing Party is a Running Repair Agent (as found in Appendix H of AAR Office Manual or in FindUs.Rail), should show Running Repair Agent's Invoice Number.	M	Mandatory Reject	Mandatory Reject
17	92–106	**Repairing Party Document Reference Number**—Required for Rebuttal Billing however may be blank if blank was reported by Original Repairing Party. If Billing/Invoicing Party is a Running Repair Agent (as found in Appendix H of AAR Office Manual) show Running Repair Agents Document Reference Number	n/a	n/a	n/a

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.

(Sorted in position order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
18	107–108	**Repair Facility Type**—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.	C	Mandatory Reject	Mandatory Reject
19	109–110	**Location On Car**—If Responsibility Code=1, must be one of the locations listed in Appendix A.14 in the Car Repair Billing Procedures Manual for the corresponding Kind of Car Symbol.	P1	Mandatory Reject	Mandatory Reject
19A	109–110	**Location On Car**—If Responsibility Code=1 and Machine Priceable = "Y" or "H", must be present and match the Validity Control Location field of the Price Master. If Price Master indicates that no location is required, no edit.	P2	Mandatory Reject	Mandatory Reject
19B	109–110	**Location On Car**—If Responsibility Code=2 or 3, must beone of the locations listed in Appendix A.14 in the Car Repair Billing Procedures Manual for the corresponding Kind of Car Symbol.	P3	Mandatory Reject	Mandatory Reject
19C	109–110	**Location On Car**—If Responsibility Code=2 or 3 and Machine Priceable = "Y" or "H", must be present and match the Validity Control Location field of the Price Master. If Price Master indicates that no location is required, no edit.	P4	Mandatory Reject	Mandatory Reject
20	111	**Reserved For Future CRB Use**—Future use for expanding Location on car to three digits.	n/a	n/a	n/a
20A	112	**Reserved For Future CRB Use**—Future use for expanding Quantity to five digits.	n/a	n/a	n/a
21	113–116	**Quantity**—Must be numeric and greater than zero. If Machine Priceable="Y" or "H", must be equal to or less than the limits specified in the Price Master File. Tax codes and CB will be excluded.	Q	Mandatory Reject	Mandatory Reject
22	117	**Condition Code**—If Machine Priceable = "Y" or "H", see Item 6A.		n/a	n/a
22A	117	**Condition Code**—If Machine Priceable = "N", must be present and alphanumeric. Detail source CB excluded.	2F	Mandatory Reject	Mandatory Reject
23	118–119	**Reserved For Future CRB Use**—Future use for expanding Applied Job Code to six digits.	n/a	n/a	n/a

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.				
(Sorted in position order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
24	120–123	**Applied Job Code**—If Machine Priceable = "Y" or "H", see Item 6A.		n/a	n/a
24A	120–123, 131–134, 31–32	**Applied Job Code/Removed Job Code/Detail Source**—Applied and Removed Job Code "5199/5499" valid only with Detail Source "DE", Responsibility Code "3". (Detail Source "DE" only valid with Applied/Removed Job Code "5199/5499", Responsibility Code "3".) Applied Job Code/Removal Job Code must match.	1H	Mandatory Reject	Mandatory Reject
24B	120–123, 131–134, 31–32, 127–128, 138	**Applied Job Code/Removed Job Code/Detail Source/Why Made/Responsibility Code**—Applied and Removed Job Code "5299" valid only with Detail Source "DM", Why Made Code "25", Responsibility Code "3". (Detail Source "DM" only valid with Applied and Removed Job Code "5299", Why Made "25" and Responsibility Code "3".)	1I	Mandatory Reject	Mandatory Reject
24C	120–123, 131–134, 31–32, 127–128, 164	**Applied Job Code/Removed Job Code/Detail Source/Why Made/**—Applied and Removed Job Code 5399 valid only with Detail Source JI, DC, DR, JR or JD, Why-Made Code 09, Material Sign C and Condition Code is present.	1J	Mandatory Reject	Mandatory Reject
24D	120-123	**Applied Job Code**—If Machine Priceable = "N", must be present and numeric.	2E	Mandatory Reject	Mandatory Reject

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.

(Sorted in position order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
25	124–125	**Applied Qualifier**—If Machine Priceable=”Y” or “H”, must be blank, alphabetic, or numeric; alphanumeric is invalid. The input value must adhere to one of the following: • If Price Master Qualifier is numeric, may not exceed highest numeric qualifier applicable to the Job Code. • If Price Master Qualifier = ‘00’, no edit. • If first character of Applied Qualifier=”Z”, no edit. • If Machine Priceable=”N”, see Z2, Z3, and Z8. (Note: Applied Qualifier and Car Part Code are mutually exclusive and share the same field within the 500-byte record. See field 25A below.)	S	Information Only	Information Only
25A	124-126	**Car Part Code (Applied Qualifier)**—If Machine Priceable = “Y” or “H” and Price Master Qualifier=“VZ” then Car Part Code must be provided, alphabetic, and must be a valid Car Part Code per Rule 83 in the Field Manual. (Note: Applied Qualifier and Car Part Code are mutually exclusive and share the same field within the 500-byte record. See field 25 above.)	S1	Mandatory Reject	Mandatory Reject
27	127–128	**Why Made Code**—If Machine Priceable = “Y” or “H”, see Item 6A.		n/a	n/a
27A	127–128	**Why Made Code**—If Machine Priceable = “N”, must be present and alphanumeric. Detail source CB excluded.	2H	Mandatory Reject	Mandatory Reject
28	129–130	**Reserved For Future CRB Use**—Future use for expanding Removed Job Code to six digits**.**		n/a	n/a
29	131–134	**Removed Job Code**—If Machine Priceable = “Y” or “H”, see Item Item 6A.		n/a	n/a
29A	131-134	**Removed Job Code**—If Machine Priceable = “N”, must be present and numeric.	2G	Mandatory Reject	Mandatory Reject

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.

(Sorted in position order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
30	135–136	**Removed Qualifier**—If Machine Priceable="Y" or "H", must be blank, alphabetic, or numeric; alphanumeric is invalid. The input value must adhere to one of the following: • If Price Master Qualifier is numeric, may not exceed highest numeric qualifier applicable to the Job Code. • If Price Master Qualifier = '00', no edit. • If first character of Applied Qualifier="Z", no edit. • If Machine Priceable="N", see Z2, Z3, and Z8. (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 Machine Priceable = "Y" or "H" and Price Master Qualifier="VZ" then Car Part Code must be provided, alphabetic, and 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.)	U1	Mandatory Reject	Mandatory Reject
32	138	**Responsibility Code**—Must be numeric; If Machine Priceable="Y" or "H", 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
34	143–148	**Defect Card/JIC Date (YYMMDD)**—If Responsibility code = 3, must be present, numeric and a valid date (00-99 (Year-YY), 01-12 (Month-MM), and 01-31 (Day-DD)). Must not be in the future (checked against current date of processing).	X	Mandatory Reject	Mandatory Reject
35	149–155	**Labor Charge**—Must be Numeric.	L	Mandatory Reject	Mandatory Reject
36	156–163	**Material Charge**—Must be Numeric.	8	Mandatory Reject	Mandatory Reject
37	164	**Material Sign**—Must be "D" or "C". D=Debit, C=Credit.	1K	Mandatory Reject	Mandatory Reject

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.				
(Sorted in position order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
38	165	**Machine Priceable Indicator**—Must be "Y", "H", or "N". Y=Priceable, H=Hybrid, N=Non-Priceable.	1L	Mandatory Reject	Mandatory Reject
39	166	**Wrong Repair Indicator**—Must be "Y", "N", or Blank. Formerly known as Penalty Indicator.	1M	Information Only	Information Only
39A	166	**Wrong Repair Indicator**—If Wrong Repair Indicator is "Y" and Manually Priced is "Y" or "H", then Labor and Material charges must be 0.	1U	Information Only	Information Only
40	167–216	**Narrative**—Must be present and alphanumeric. Note: Non-Wheel job codes (50 char); Wheel job codes narrative (28 char).	N	Mandatory Reject	Mandatory Reject
Wheel Edits Note: Positions 195 to 216 are ONLY edited if the repair uses a wheel job code.					
40A	167–216	**Wheels Section Redefined Narrative**—No edit.			
	167–194	**Wheel Narrative**—No edit.			
	195–198	**Applied Wheel Date (MMYY)**—Must not be greater than Repair Date. Detail Source JD will be excluded.	T1	Mandatory Reject	Mandatory Reject
	199–200	**Applied Wheel Manufacturer Code**—Must be Present. Detail Source JD will be excluded.	T2	Mandatory Reject	Mandatory Reject
	201	**Applied Wheel Class Code**—Must be "B", "C", "D", "U" or blank.	T3	Mandatory Reject	Mandatory Reject
	202–203	**Applied Side Reading**—Must be numeric. (Must be 16 through 50.) Detail Source JD will be excluded.	T4	Mandatory Reject	Mandatory Reject
	204–205	**Applied Finger Reading**—Must be numeric. (Must be 00 or 01.) Detail Source JD will be excluded.	T5	Mandatory Reject	Mandatory Reject
	206–209	**Removed Wheel Date (MMYY)**—Must not be greater than Repair Date. (If unknown or illegible use 'XXXX'.) Detail Source JD will be excluded.	Y1	Mandatory Reject	Mandatory Reject
	210–211	**Removed Wheel Manufacturer Code**—Must be present. (If unknown or illegible use 'XX'.) Detail Source JD will be excluded.	Y2	Mandatory Reject	Mandatory Reject
	212	**Removed Wheel Class Code**—Must be "B", "C", "D", "U" or blank.	Y3	Mandatory Reject	Mandatory Reject

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.

(Sorted in position order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
	213–214	**Removed Side Reading**—Must be numeric. (Must be 00 or 10 through 50.) Detail Source JD will be excluded.	Y4	Mandatory Reject	Mandatory Reject
	215–216	**Removed Finger Reading**—Must be numeric and must not be greater than 09. Detail Source JD will be excluded.	Y5	Mandatory Reject	Mandatory Reject
41	217–221	**Labor Rate**—If present, must be numeric.	D	Mandatory Reject	Mandatory Reject
42	222–230	**Expanded SPLC**—If present, must be numeric and greater than zero. Tax codes, DE, DM, and CB will be excluded.	1N	Information Only	Information Only
43	231–243	**CIF Repairing Party**—No edit.	n/a	n/a	n/a
44	244–256	**CIF Billing/Invoicing Party**—No edit.	n/a	n/a	n/a
45	257–269	**CIF Billed Party**—No edit.	n/a	n/a	n/a
46	270–282	**CIF Defect/JIC Party**—No edit.	n/a	n/a	n/a
47	283–288	**Reserved For Future CRB Use**.	n/a	n/a	n/a
48	289–293	**Line Number**—Must be numeric and greater than zero. Must be unique within a Billing Repair Card when reporting Detail Sources BR, GB, DC, JI, DR, JD, JR, RE, & SH. Tax Codes and Detail Sources CB, DE, and DM are excluded from unique Line Number logic (see "Appendix A.18" on page 22).	1P	Mandatory Reject	Mandatory Reject
49	294–299	**Railinc Inbound Date Stamp (YYMMDD)**—No edit.	n/a	n/a	n/a
50	300–305	**Railinc Outbound Date Stamp (YYMMDD)**—No edit.	n/a	n/a	n/a
51	306	**Resubmitted Invoice Indicator**—If present, must be "R".	1Q	Mandatory Reject	Mandatory Reject
52	307–322	**Original Invoice Number**—If resubmitted indicator = "R", must be present and alphanumeric.	1R	Mandatory Reject	Mandatory Reject
53	323–326	**Original Account Date (YYMM)**—If resubmitted indicator = "R", must be present and valid numeric date format (YYMM).	1S	Mandatory Reject	Mandatory Reject
54	327-340	**AAR Component ID (CID)**—AAR Component ID (CID) - For certain job code / detail source combinations, AAR Component ID must not be blank. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	1V	Mandatory Reject	Mandatory Reject

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.

(Sorted in position order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
54A	327-340	**AAR Component ID (CID)**—AAR Component ID (CID) – For certain job code / detail source combinations, AAR Component ID must be in a valid CID format. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	2V	Mandatory Reject	Mandatory Reject
54B	327-340	**AAR Component ID (CID)**—AAR Component ID (CID) – For certain job code / detail source combinations, AAR Component ID must be registered within the AAR Component Registry. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	3V	Mandatory Reject	Mandatory Reject
54C	327-340	**AAR Component ID (CID)**—For invoices with Repair Date prior to Mandatory Reject Date should be present. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	1Y	Information Only	Information Only
54D	327-340	**AAR Component ID (CID)**—For invoices with Repair Date prior to Mandatory Reject Date should be in a valid CID format. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	2Y	Information Only	Information Only
54E	327-340	**AAR Component ID (CID)**—For invoices with Repair Date prior to Mandatory Reject Date should be registered within the AAR Component Registry. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	3Y	Information Only	Information Only
54F	327-340	**AAR Component ID (CID)**—Must be unique within an invoice. Applies to Detail Sources BR, DC, JI, OT, and SH.	4Y	Information Only	Information Only
54G	327-340	**AAR Component ID (CID)**—AAR Component ID billed as a purchased core wheel set must be registered within the AAR Component Registry as purchased core wheel set. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	5Y	Information Only	Information Only

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.				
(Sorted in position order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
54H	327-340	**AAR Component ID (CID)**—AAR Component ID billed as New must be registered within the AAR Component Registry as New. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH. Applies to Component ID required Job Codes in Rules 4, 8, 16, 17, 18, 44, 47, 48, and 59.	V1	Information Only	Information Only
54I	327-340	**AAR Component ID (CID)**—AAR Component ID billed as Turned must be registered within the AAR Component Registry as Turned. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH. Applies to Component ID required Job Codes in Rule 44.	V2	Information Only	Information Only
54J	327-340	**AAR Component ID (CID)**—AAR Component ID billed as Secondhand must be registered within the AAR Component Registry as Secondhand. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH. Applies to Component ID required Job Codes in Rules 16, 17, 18, 47, and 48.	V3	Information Only	Information Only
54K	327-340	**AAR Component ID (CID)**—AAR Component ID billed as Reconditioned must be registered within the AAR Component Registry as Reconditioned. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH. Applies to Component ID required Job Codes in Rules 4, 8, 16, 17, 18, 47, 48, and 59.	V4	Information Only	Information Only
54L	327-340	**AAR Component ID (CID)**—AAR Component ID billed as Upgraded must be registered within the AAR Component Registry as Upgraded. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH. Applies to Component ID required Job Codes in Rule 4.	V5	Information Only	Information Only
55	341–352	**DDCT Incident ID (XXXX99999999)**—If present, must be 2-4 letters and 8 numbers with no spaces between alpha and numeric characters.	2D	Information Only	Information Only
56	353-400	**Reserved for CRB use**—No edit.	n/a	n/a	n/a
57	401–500	**Free User Area**—No edit.	n/a	n/a	n/a

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.

(Sorted in position order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
		General Edits			
		Non Machine Priceable Record-Applied Job Code—If Machine Priceable=”N” or “H” and the job code is a 99 type job code, then applied job code must be a valid 99 type job code listed in the Field Manual.	Z1	Information Only	Information Only
		Non Machine Priceable Record-Applied Qualifier—If Machine Priceable=”N” or “H” and the job code is a 99 type job code, then applied qualifier must be present and a valid Car Part Code per Rule 83 in the Field Manual or a "Z" qualifier less than or equal to "ZH".	Z2	Mandatory Reject	Mandatory Reject
		Non Machine Priceable Record-Applied/ Removed Qualifier—If Machine Priceable=”N” or “H” and the job code is NOT a 99 type job code, then applied/removed qualifier if present must be alphabetic or numeric (alphanumeric is invalid).	Z3	Information Only	Information Only
		All Records— If Detail Source = ‘DC’, ‘DE’, ‘MA’, ‘JI’, ‘JR’, ‘DR’, or “JD” then Responsibility Code must = ‘3’.	Z4	Mandatory Reject	Mandatory Reject
		All Records—If Detail Source = ‘BR’ or ‘GB’ then Responsibility Code must = ‘1’ or ‘2’.	Z5	Mandatory Reject	Mandatory Reject
		All Records—If Job Code = “3399” then Why Made Code must = ‘25’ and Condition Code = ‘2’ or ‘T’.	Z6	Information Only	Information Only
		All Records—If Machine Priceable = “Y”, the Labor and Material prices must match the current couplet in the Price Master.	Z7	Information Only	Information Only
		Non Machine Priceable Record—If Machine Priceable=”N” or “H” and the job code = “6999”, then Applied Qualifier must be either ‘FN’, ‘HR’, ‘FF‘, ‘FJ’, ‘AC’, ‘AK’, ‘DD’, ‘GQ’ or ‘QM’.	Z8	Mandatory Reject	Mandatory Reject
		Detail Source GB—If Detail Source=GB then the job code must be a Group Billable jobcode.	Z9	Mandatory Reject	Mandatory Reject
		All Records—If Machine Priceable = “N” or “H”, and the material-only job code = 1999, 2999, 3999, 4099, 4599, 4999, 5999 & 6999, then no labor charges may be present.	2A	Mandatory Reject	Mandatory Reject
		All Records—If Machine Priceable = “Y”, “H”, or “N”, and the labor-only job code = 4450, 4452, 4453, 4454, 4455, 4456, 4457, 4459, 4460, 4466, 4480, 4482, 4486, 4488, 4489, then no material charges may be present.	2B	Mandatory Reject	Mandatory Reject

Note: Whenever Kind of Car=’M’ (Miscellaneous), the Data Exchange does not apply the location and PM quantity edits. These edits are skipped.

C.4 Edit Chart 4—Record Format 6 (Contact Information)

Important Note: Billing Party must have all required Contact Types validated in FindUs.Rail, including your own Contact Type BP–Billed Party. Refer to Office Manual Rule 114 for all required Contact Types.

CRB Data Exchange Edits Comparison Chart—Record Format 6					
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.				
(Sorted in position order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
1	**1**	**Record Format**—Must be 6.	6A	Mandatory Reject	Mandatory Reject
2	**2–5**	**Billing/Invoicing Party Initial**—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billing/Invoicing Party.	6B	Mandatory Reject	Mandatory Reject
3	**6–9**	**Billed Party**—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billed/Invoiced Party.	6C	Mandatory Reject	Mandatory Reject
4	**10–13**	**Account Date (YYMM)**—Must be present and valid numeric date format (YYMM). Must not be older than one year from the current year/month and must not be in the future. If a resubmitted invoice, then must not be older than 24 months from the current year/month and not be in the future.	6D	Mandatory Reject	Mandatory Reject
5	**14–29**	**Invoice Number**—Must be present and alphanumeric.	6E	Mandatory Reject	Mandatory Reject
6	**30**	**Price Master Currency Indicator**—Must be 'U' (US) or 'C' (Canada).	6F	Mandatory Reject	Mandatory Reject
7	**31–32**	**Contact Type**—Valid values are RT=Remit To, IQ=Inquires, EX=Exceptions, IP=Billing/Invoicing Party, BP=Billed Party. Mandatory for Contact Type BP.	6G	Mandatory Reject	Mandatory Reject
8	**33–82**	**Company Name**—If present, must be alphanumeric. Mandatory for Contact Type BP.	6H	Mandatory Reject	Mandatory Reject
9	**83–117**	**Name**—Optional.	6I	n/a	n/a
10	**118-152**	**Title**—If present, must be alphanumeric.	6J	Mandatory Reject	Mandatory Reject
11	**153–177**	**Phone**—If present, must be alphanumeric.	6K	Mandatory Reject	Mandatory Reject
12	**178–202**	**Fax**—If present, must be alphanumeric.	6L	Information Only	Information Only

CRB Data Exchange Edits Comparison Chart—Record Format 6

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.

(Sorted in position order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
13	**203–262**	**E-Mail**—If present, must be alphanumeric.	6M	Mandatory Reject	Mandatory Reject
14	**263–307**	**Street Address 1**—If present, must be alphanumeric. Mandatory for Contact Type BP.	6N	Mandatory Reject	Mandatory Reject
15	**308–352**	**Street Address 2**—Optional.	n/a	n/a	n/a
16	**353–397**	**Street Address 3**—Optional.	n/a	n/a	n/a
17	**398–442**	**Street Address 4**—Optional.	n/a	n/a	n/a
18	**443–477**	**City**—If present, must be alphanumeric. Mandatory for Contact Type BP.	6R	Mandatory Reject	Mandatory Reject
19	**478–479**	**State/Province**—If present, must be alphabetic. Mandatory for Contact Type BP.	6S	Mandatory Reject	Mandatory Reject
20	**480–481**	**Country Code**—Must be US, CA, or MX. Mandatory for Contact Type BP.	6T	Mandatory Reject	Mandatory Reject
21	**482–491**	**Zip/Postal Code**—If present, must be alphanumeric. Mandatory for Contact Type BP.	6U	Mandatory Reject	Mandatory Reject
22	**492–500**	**Reserved for CRB future use.**	n/a	n/a	n/a
General Edits					
23		Removed			
24		Removed			
25		Removed			
26		Removed			
27		**Contact Type BP (Billed Party)**—Record must be present.	6Z	Mandatory Reject	Mandatory Reject

C.5 Edit Chart 5—Record Format 8 (Summary Information)

CRB Data Exchange Edits Comparison Chart—Record Format 8					
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.				
(Sorted in position order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
1	**1**	**Record Format**—Must be **8**.	8A	Mandatory Reject	Mandatory Reject
2	**2–5**	**Billing/Invoicing Party Initial**—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billing/Invoicing Party.	8B	Mandatory Reject	Mandatory Reject
2A	**2-5**	**Billing/Invoicing Party Initial**—Must exist in FindUs.Rail for contact types BP, RT, IQ, EX, CB, and IP. RTUSA, RTMEX and RTCAN can be used in place of RT.	8P	Mandatory Reject	Mandatory Reject
2B	**2-5**	**Billing/Invoicing Party Initial**—Contact types BP, RT, IQ, EX, CB, and IP must be verified in FindUs.Rail every 3 months. RTUSA, RTMEX and RTCAN can be used in place of RT.	8R	Mandatory Reject	Mandatory Reject
3	**6–9**	**Billed Party**—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billed/Invoiced Party.	8C	Mandatory Reject	Mandatory Reject
4	**10–13**	**Account Date (YYMM)**—Must be present and valid numeric date format (YYMM). Must not be older than one year from the current year/month and must not be in the future. If a resubmitted invoice, then must not be older than 24 months from the current year/month and not be in the future.	8D	Mandatory Reject	Mandatory Reject
4A	**10-13**	**Account Date (YYMM)**—Must match for records (Format 1/6/8) per invoice. (vertical edit)	8Q	Information Only	Information Only
5	**14–29**	**Invoice Number**—Must be present and alphanumeric.	8E	Mandatory Reject	Mandatory Reject
5A	**14–29**	**Invoice Number**—No Special characters allowed, Underscore (_) and Dash (-) excluded.	1Z	Mandatory Reject	Mandatory Reject
6	**30**	**Price Master Currency Indicator**—Must be 'U' (US) or 'C' (Canada).	8F	Mandatory Reject	Mandatory Reject
7	**31–32**	**Detail Source**—Must be one of the following: BR, CB, DC, DE, DM, DR, GB, GT, HT, IV, JD, JI, JR, MA, OT, PT, QT, RE, SH, ZZ.	8G	Mandatory Reject	Mandatory Reject

CRB Data Exchange Edits Comparison Chart—Record Format 8

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.

(Sorted in position order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
8	**33–39**	**Record Count**—Must be present and numeric.	8H	Mandatory Reject	Mandatory Reject
9	**40–49**	**Labor Charge**—Must be present and numeric. Sum of all Labor Charges for Format 8 Records with Detail Source ZZ (invoice total).	8I	Mandatory Reject	Mandatory Reject
10	**50–65**	**Material Charge**—Must be present and numeric.	8J	Mandatory Reject	Mandatory Reject
11	**66**	**Sign**—Must be present. Valid values are D (Debit) and C (Credit). This applies to Material Charge.	8K	Mandatory Reject	Mandatory Reject
12	**67–72**	**Invoice Date**—Must be present and a valid numeric date format (YYMMDD).	8L	Mandatory Reject	Mandatory Reject
13	**73–87**	**Tax Payer Id**—If present, must be alphanumeric. Required on invoice total ("ZZ") for all transactions.	8M	Mandatory Reject	Mandatory Reject
14	**88–89**	**Payment Terms**—If present, must be numeric.	8N	Mandatory Reject	Mandatory Reject
15	**90–95**	**Payment Due Date**—If present, must be valid numeric date format (YYMMDD).	8O	Mandatory Reject	Mandatory Reject
16	**96-101**	**Railinc Inbound Date Stamp (YYMMDD)**—No edit.	n/a	n/a	n/a
17	**102-107**	**Railinc Outbound Date Stamp (YYMMDD)**—No edit.	n/a	n/a	n/a
18	**108–400**	**Reserved for future use.**		n/a	n/a
19	**401–500**	**Free User Area**		n/a	n/a

C.6 Edit Chart 6—Record Format 9 Input (Summary Information)

Warning: Railinc will reject all files with missing, invalid, or out of balance Type 9 Input records.

CRB Data Exchange Edits Comparison Chart—Record Format 9					
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.				
(Sorted in position order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
1	**1**	**Record Format**—Must be 9.	9A	Mandatory Reject	Mandatory Reject
2	**2–5**	**Billing/Invoicing Party Initial**—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billing/Invoicing Party.	9B	Mandatory Reject	Mandatory Reject
3	**6–9**	**Filler**—Should be ZZZZ.	n/a	n/a	n/a
4	**10–13**	**Account Date (YYMM)**—Must be present and valid numeric date format (YYMM). Must not be older than one year from the current year/month and must not be in the future. If a resubmitted invoice, then must not be older than 24 months from the current year/month and not be in the future.	9D	Mandatory Reject	Mandatory Reject
5	**14–29**	**Filler**—Should be ZZZZZZZZZZZZZZZZ.	n/a	n/a	n/a
6	**30**	**Filler**—Should be Z.	n/a	n/a	n/a
7	**31–32**	**Filler**—Should be ZZ.	n/a	n/a	n/a
8	**33–39**	**Record Count**—Must be present and numeric. Total number of Format 1 Records.	9G	Mandatory Reject	Mandatory Reject
9	**40–49**	**Labor Charge**—Must be present and numeric. Sum of all Labor Charges for Format 8 Records with Detail Source ZZ (invoice total).	9H	Mandatory Reject	Mandatory Reject
10	**50–65**	**Material Charge**—Must be present and numeric. Sum of all Material Charges for Format 8 Records with Detail Source ZZ (invoice total).	9J	Mandatory Reject	Mandatory Reject
11	**66**	**Sign**—Must be present. Valid values are D (Debit), C (Credit). This applies to Material Charge.	9K	Mandatory Reject	Mandatory Reject
12	**67–500**	**Free User Area**	n/a	n/a	n/a

Appendix D Record Format 1 Edit Chart, Sorted By Error Code

Important Note: The following chart ONLY contains line numbers that have an error code associated with them. For a complete list of edits, refer to Appendix C.

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.

(Sorted in error code order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
47	283–288	**Reserved For Future CRB Use**.	n/a	n/a	n/a
14	66–71	**SPLC**—Must be numeric and greater than zero. Tax codes, DE, DM and CB will be excluded.	5	Mandatory Reject	Mandatory Reject
13	60–65	**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. Detail Source RE, JR, and DR excluded. If a resubmitted invoice, then must not be older than 24 months from the current Accounting Month and not be in the future.	6	Mandatory Reject	Mandatory Reject
36	156–163	**Material Charge**—Must be Numeric.	8	Mandatory Reject	Mandatory Reject
1	1	**Record Format**—Must be '1'.	1A	Mandatory Reject	Mandatory Reject
2	2–5	**Billing/Invoicing Party Initial**—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billing/Invoicing Party.	1B	Mandatory Reject	Mandatory Reject
3	6–9	**Billed Party**—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billed/Invoiced Party.	1C	Mandatory Reject	Mandatory Reject
4	10–13	**Account Date (YYMM)**—Must be present and valid numeric date format (YYMM). Must not be older than one year from the current year/month and must not be in the future. If a resubmitted invoice, then must not be older than 24 months from the current year/month and not be in the future.	1D	Mandatory Reject	Mandatory Reject
5	14–29	**Invoice Number**—Must be present and alphanumeric.	1E	Mandatory Reject	Mandatory Reject
6	30	**Price Master Currency Indicator**—Must be 'U' (US) or 'C' (Canada).	1F	Mandatory Reject	Mandatory Reject

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.

(Sorted in error code order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
8	33–47	**Document Reference Number**—Required for Counter Billing Authority number. Must be present for detail source "CB".	1G	Mandatory Reject	Mandatory Reject
24A	120–123, 131–134, 31–32	**Applied Job Code/Removed Job Code/Detail Source**— Applied and Removed Job Code "5199/5499" valid only with Detail Source "DE", Responsibility Code "3". (Detail Source "DE" only valid with Applied/Removed Job Code "5199/5499", Responsibility Code "3".) Applied Job Code/Removal Job Code must match.	1H	Mandatory Reject	Mandatory Reject
24B	120–123, 131–134, 31–32, 127–128, 138	**Applied Job Code/Removed Job Code/Detail Source/Why Made/Responsibility Code**— Applied and Removed Job Code "5299" valid only with Detail Source "DM", Why Made Code "25", Responsibility Code "3". (Detail Source "DM" only valid with Applied and Removed Job Code "5299", Why Made "25" and Responsibility Code "3".)	1I	Mandatory Reject	Mandatory Reject
24C	120–123, 131–134, 31–32, 127–128, 164	**Applied Job Code/Removed Job Code/Detail Source/Why Made/**—Applied and Removed Job Code 5399 valid only with Detail Source JI, DC, DR, JR or JD, Why-Made Code 09, Material Sign C and Condition Code is present.	1J	Mandatory Reject	Mandatory Reject
37	164	**Material Sign**—Must be "D" or "C". D=Debit, C=Credit.	1K	Mandatory Reject	Mandatory Reject
38	165	**Machine Priceable Indicator**—Must be "Y", "H", or "N". Y=Priceable, H=Hybrid, N=Non-Priceable.	1L	Mandatory Reject	Mandatory Reject
39	166	**Wrong Repair Indicator**—Must be "Y", "N", or Blank. Formerly known as Penalty Indicator.	1M	Information Only	Information Only
42	222–230	**Expanded SPLC**—If present, must be numeric and greater than zero. Tax codes, DE, DM and CB will be excluded.	1N	Information Only	Information Only
48	289–293	**Line Number**—Must be numeric and greater than zero. Must be unique within a Billing Repair Card when reporting Detail Sources BR, GB, DC, JI, DR, JD, JR, RE, & SH. Tax Codes and Detail Sources CB, DE, and DM are excluded from unique Line Number logic (see "Appendix A.18" on page 22).	1P	Mandatory Reject	Mandatory Reject

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.

(Sorted in error code order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
51	306	**Resubmitted Invoice Indicator**—If present, must be "R".	1Q	Mandatory Reject	Mandatory Reject
52	307–322	**Original Invoice Number**—If resubmitted indicator = "R", must be present and alphanumeric.	1R	Mandatory Reject	Mandatory Reject
53	323–326	**Original Account Date (YYMM)**—If resubmitted indicator = "R", must be present and valid numeric date format (YYMM).	1S	Mandatory Reject	Mandatory Reject
13A	60-65	**Repair Date (YYMMDD)**—Cannot be greater than the Account Date. Must be within 13 months of current date. Detail Source BR, DC, DE, DM, DR, GB, JR, RE and MA excluded. If a resubmitted invoice, then must not be older than 24 months from the current date and not be in the future.	1T	Mandatory Reject	Mandatory Reject
39A	166	**Wrong Repair Indicator**—If Wrong Repair Indicator is "Y" and Manually Priced is "Y" or "H", then Labor and Material charges must be 0.	1U	Information Only	Information Only
54	327-340	**AAR Component ID (CID)**—For certain job code / detail source combinations, AAR Component ID must not be blank. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	1V	Mandatory Reject	Mandatory Reject
14A	66-71	**SPLC**—Must be a registered SPLC. Tax Codes, DE, DM, and CB Detail Source are excluded.	1W	Information Only	Information Only
9,10	48-57	**Car Initial/Car Number**—Combination must be registered in Umler at time of repair. Tax Codes Detail Sources CB, DE, DM and JD are excluded.	1X	Information Only	Information Only
54C	327-340	**AAR Component ID (CID)**—For invoices with Repair Date prior to Mandatory Reject Date should be present. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	1Y	Information Only	Information Only
		All Records—If Machine Priceable = "N" or "H", and the material-only job code = 1999, 2999, 3999, 4099, 4599, 4999, 5999 & 6999, then no labor charges may be present.	2A	Mandatory Reject	Mandatory Reject

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.

(Sorted in error code order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
		All Records—If Machine Priceable = "Y", "H", or "N", and the labor-only job code = 4450, 4452, 4453, 4454, 4455, 4456, 4457, 4459, 4460, 4466, 4480, 4482, 4486, 4488, 4489, then no material charges may be present.	2B	Mandatory Reject	Mandatory Reject
55	341-352	**DDCT Incident ID (XXXX99999999)**—If present must be 2-4 letters and 8 numbers with no spaces between alpha and numeric characters.	2D	Information Only	Information Only
24D	120-123	**Applied Job Code**— If Machine Priceable = "N", must be present and numeric.	2E	Mandatory Reject	Mandatory Reject
22A	117	**Condition Code**—If Machine Priceable = "N", must be present and alphanumeric. Detail source CB excluded.	2F	Mandatory Reject	Mandatory Reject
29A	131-134	**Removed Job Code**—If Machine Priceable = "N", must be present and numeric.	2G	Mandatory Reject	Mandatory Reject
27A	127-128	**Why Made Code**—If Machine Priceable = "N", must be present and alphanumeric. Detail source CB excluded.	2H	Mandatory Reject	Mandatory Reject
13B	60-65	**Repair Date (YYMMDD)**—Cannot be greater than the Account Date. Must be within 7 months of current date when submitted with Detail Source BR and GB. All other Detail Sources are excluded. If a resubmitted invoice, then must not be older than 24 months from the current date and not be in the future.	2T	Mandatory Reject	Mandatory Reject
54A	327-340	**AAR Component ID (CID)**—For certain job code / detail source combinations, AAR Component ID must be in a valid CID format. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	2V	Mandatory Reject	Mandatory Reject
54D	327-340	**AAR Component ID (CID)**—For invoices with Repair Date prior to Mandatory Reject Date should be in a valid CID format. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	2Y	Information Only	Information Only

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.

(Sorted in error code order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
54B	327-340	**AAR Component ID (CID)**—For certain job code / detail source combinations, AAR Component ID must be registered within the AAR Component Registry. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	3V	Mandatory Reject	Mandatory Reject
54E	327-340	**AAR Component ID (CID)**—For invoices with Repair Date prior to Mandatory Reject Date should be registered within the AAR Component Registry. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	3Y	Information Only	Information Only
13D	60-65	**Repair Date (YYMMDD)**—Cannot be greater than the Account Date. Must be within 7 months of current date when submitted with Detail Source JD and JI. All other Detail Sources are excluded. If a resubmitted invoice, then must not be older than 24 months from the current date and not be in the future. Applies to repair dates January 1, 2021 and greater.	4T	Mandatory Reject	Mandatory Reject
54F	327-340	**AAR Component ID (CID)**—Must be unique within an invoice. Applies to Detail Sources BR, DC, JI, OT, and SH.	4Y	Information Only	Information Only
13E	60-65	**Repair Date (YYMMDD)**—Cannot be greater than the Account Date. Must be within 4 months of current date when submitted with Detail Source BR, GB, MA, DC, DE, DM. All other Detail Sources are excluded. If a resubmitted invoice, then must not be older than 24 months from the current date and not be in the future. Applies to repair dates January 1, 2022, and greater.	5T	Mandatory Reject	Mandatory Reject
54G	327-340	**AAR Component ID (CID)**—AAR Component ID billed as a purchased core wheel set must be registered within the AAR Component Registry as a purchased core wheel set. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.	5Y	Information Only	Information Only

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.

(Sorted in error code order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
13G	60-65	**Repair Date (YYMMDD)**—Cannot be greater than the Account Date. Must be within 7 months of current date when submitted with Detail Source OT. All other Detail Sources are excluded. If a resubmitted invoice, then must not be older than 24 months from the current date and not be in the future. Applies to repair dates January 1, 2022 and greater.	7T	Mandatory Reject	Mandatory Reject
13F	60-65	**Repair Date (YYMMDD)**—For Detail Source CB, set Repair Date to the CBA date. Cannot be greater than the Account Date. Must be within 7 months of current date. If a resubmitted invoice, then must not be older than 24 months from the current date and not be in the future. Applies to repair dates January 1, 2022 and greater.	8T	Mandatory Reject	Mandatory Reject
7	31–32	**Detail Source**—Must be one of the following: BR, CB, DC, DE, DM, DR, GB, GT, HT, IV, JD, JI, JR, MA, OT, PT, QT, RE, SH.	A	Mandatory Reject	Mandatory Reject
12	59	**Load/Empty Indicator**—Must be L, E or U. (Blank allowable for Detail Source GB. Report U if a GB is subsequently rebuttal billed under RE). Tax codes and CB will be excluded.	B	Mandatory Reject	Mandatory Reject
18	107–108	**Repair Facility Type**—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.	C	Mandatory Reject	Mandatory Reject
41	217–221	**Labor Rate**—If present, must be numeric.	D	Mandatory Reject	Mandatory Reject
9	48–51	**Car Initial**—Must be present and alphabetic. This should be the reporting mark of the car. Tax codes and CB will be excluded.	H	Mandatory Reject	Mandatory Reject
15	72–75	**Repairing Party**—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billing/Invoicing Party. If Billing/Invoicing Party is a Running Repair Agent (as found in Appendix H of AAR Office Manual or in FindUs.Rail), should show Sponsoring Railroad reporting mark.	I	Mandatory Reject	Mandatory Reject

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.

(Sorted in error code order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
10	52–57	**Car Number**—Must be numeric and greater than zero. Tax codes and CB will be excluded.	J	Mandatory Reject	Mandatory Reject
11	58	**Kind of Car Symbol**—Must be alphabetic. Must equal one of the valid car symbols listed in Field Manual Rule 83. Tax codes, CB, GB, and RE will be excluded.	K	Mandatory Reject	Mandatory Reject
11A	58	Kind of Car Symbol 'E' is only valid with EOT Job Codes. Detail Source GB, CB, RE, and Tax Codes will be excluded. For Detail Source GB, if no Kind of Car Symbol, then no edit.	K1	Mandatory Reject	Mandatory Reject
35	149–155	**Labor Charge**—Must be Numeric.	L	Mandatory Reject	Mandatory Reject
16	76–91	**Repairing Party Invoice Number**—Must be present and alphanumeric. If Billing/Invoicing Party is a Running Repair Agent (as found in Appendix H of AAR Office Manual or in FindUs.Rail), should show Running Repair Agent's Invoice Number.	M	Mandatory Reject	Mandatory Reject
40	167–216	**Narrative**—Must be present and alphanumeric. Note: Non-Wheel job codes (50 char); Wheel job codes narrative (28 char).	N	Mandatory Reject	Mandatory Reject
19	109–110	**Location On Car**—If Responsibility Code=1, must be one of the locations listed in Appendix A.14 in the Car Repair Billing Procedures Manual for the corresponding Kind of Car Symbol.	P1	Mandatory Reject	Mandatory Reject
19A	109–110	**Location On Car**—If Responsibility Code=1 and Machine Priceable = "Y" or "H", must be present and match the Validity Control Location field of the Price Master. If Price Master indicates that no location is required, no edit.	P2	Mandatory Reject	Mandatory Reject
19B	109–110	**Location On Car**—If Responsibility Code=2 or 3, must be one of the locations listed in Appendix A.14 in the Car Repair Billing Procedures Manual for the corresponding Kind of Car Symbol.	P3	Mandatory Reject	Mandatory Reject
19C	109–110	**Location On Car**—If Responsibility Code=2 or 3 and Machine Priceable = "Y" or "H", must be present and match the Validity Control Location field of the Price Master. If Price Master indicates that no location is required, no edit.	P4	Mandatory Reject	Mandatory Reject

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.

(Sorted in error code order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
21	113–116	**Quantity**—Must be numeric and greater than zero. If Machine Priceable="Y" or "H", must be equal to or less than the limits specified in the Price Master File. Tax codes and CB will be excluded.	Q	Mandatory Reject	Mandatory Reject
6A	30, 120–123, 117, 131–134, 127–128, 138	**Price Master Currency Indicator/Applied Job Code/Condition Code/Removed Job Code/Why Made Code/Responsibility Code**—If Machine Priceable Indicator = "Y" or "H", then the combination of these fields must exist in the Price Master.	R	Mandatory Reject	Mandatory Reject
		If Machine Priceable Indicator = "Y" or "H", the combination of these fields must be in the price master for that repair date.	R2	Mandatory Reject	Mandatory Reject
25	124–125	**Applied Qualifier**—If Machine Priceable="Y" or "H", must be blank, alphabetic, or numeric; alphanumeric is invalid. The input value must adhere to one of the following: • If Price Master Qualifier is numeric, may not exceed highest numeric qualifier applicable to the Job Code. • If Price Master Qualifier = '00', no edit. • If first character of Applied Qualifier="Z", no edit. • If Machine Priceable="N", see Z2, Z3, and Z8. (Note: Applied Qualifier and Car Part Code are mutually exclusive and share the same field within the 500-byte record. See field 25A below.)	S	Information Only	Information Only
25A	124-126	**Car Part Code (Applied Qualifier)**—If Machine Priceable = "Y" or "H" and Price Master Qualifier="VZ" then Car Part Code must be provided, alphabetic, and must be a valid Car Part Code per Rule 83 in the Field Manual. (Note: Applied Qualifier and Car Part Code are mutually exclusive and share the same field within the 500-byte record. See field 25 above.)	S1	Mandatory Reject	Mandatory Reject
40D	195–198	**Applied Wheel Date (MMYY)**—Must not be greater than Repair Date. Detail Source JD will be excluded.	T1	Mandatory Reject	Mandatory Reject

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.

(Sorted in error code order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
40F	199–200	**Applied Wheel Manufacturer Code**—Must be Present. Detail Source JD will be excluded.	T2	Mandatory Reject	Mandatory Reject
40G	201	**Applied Wheel Class Code**—Must be "B", "C", "D", "U" or blank.	T3	Mandatory Reject	Mandatory Reject
40H	202–203	**Applied Side Reading**—Must be numeric. (Must be 16 through 50.) Detail Source JD will be excluded.	T4	Mandatory Reject	Mandatory Reject
40I	204–205	**Applied Finger Reading**—Must be numeric. (Must be 00 or 01.) Detail Source JD will be excluded.	T5	Mandatory Reject	Mandatory Reject
30	135–136	**Removed Qualifier**—If Machine Priceable="Y" or "H", must be blank, alphabetic, or numeric; alphanumeric is invalid. The input value must adhere to one of the following: • If Price Master Qualifier is numeric, may not exceed highest numeric qualifier applicable to the Job Code. • If Price Master Qualifier = '00', no edit. • If first character of Applied Qualifier="Z", no edit. • If Machine Priceable="N", see Z2, Z3, and Z8. (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 Machine Priceable = "Y" or "H" and Price Master Qualifier="VZ" then Car Part Code must be provided, alphabetic, and 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.)	U1	Mandatory Reject	Mandatory Reject
32	138	**Responsibility Code**—Must be numeric; If Machine Priceable="Y" or "H", must be **1**, **2** or **3**. Detail source CB will be excluded.	V	Information Only	Information Only

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.

(Sorted in error code order)				**Jul 2026 – Oct 2026**	**Oct 2026 – Jan 2027**
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
54H	327-340	**AAR Component ID (CID)**—AAR Component ID billed as New must be registered within the AAR Component Registry as New. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH. Applies to Component ID required Job Codes in Rules 4, 8, 16, 17, 18, 44, 47, 48, and 59.	V1	Information Only	Information Only
54I	327-340	**AAR Component ID (CID)**—AAR Component ID billed as Turned must be registered within the AAR Component Registry as Turned. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH. Applies to Component ID required Job Codes in Rule 44.	V2	Information Only	Information Only
54J	327-340	**AAR Component ID (CID)**—AAR Component ID billed as Secondhand must be registered within the AAR Component Registry as Secondhand. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH. Applies to Component ID required Job Codes in Rules 16, 17, 18, 47, and 48.	V3	Information Only	Information Only
54K	327-340	**AAR Component ID (CID)**—AAR Component ID billed as Reconditioned must be registered within the AAR Component Registry as Reconditioned. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH. Applies to Component ID required Job Codes in Rules 4, 8, 16, 17, 18, 47, 48, and 59.	V4	Information Only	Information Only
54L	327-340	**AAR Component ID (CID)**—AAR Component ID billed as Upgraded must be registered within the AAR Component Registry as Upgraded. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH. Applies to Component ID required Job Codes in Rule 4.	V5	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
34	143–148	**Defect Card/JIC Date (YYMMDD)**—If Responsibility code = 3, must be present, numeric and a valid date (00-99 (Year-YY), 01-12 (Month-MM), and 01-31 (Day-DD)). Must not be in the future (checked against current date of processing).	X	Mandatory Reject	Mandatory Reject

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.

(Sorted in error code order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
40J	206–209	**Removed Wheel Date (MMYY)**—Must not be greater than Repair Date. (If unknown or illegible use 'XXXX'.) Detail Source JD will be excluded.	Y1	Mandatory Reject	Mandatory Reject
40K	210–211	**Removed Wheel Manufacturer Code**—Must be present. (If unknown or illegible use 'XX'.) Detail Source JD will be excluded.	Y2	Mandatory Reject	Mandatory Reject
40L	212	**Removed Wheel Class Code**—Must be "B", "C", "D", "U" or blank.	Y3	Mandatory Reject	Mandatory Reject
40M	213–214	**Removed Side Reading**—Must be numeric. (Must be 00 or 10 through 50.) Detail Source JD will be excluded.	Y4	Mandatory Reject	Mandatory Reject
40N	215–216	**Removed Finger Reading**—Must be numeric and must not be greater than 09. Detail Source JD will be excluded.	Y5	Mandatory Reject	Mandatory Reject
		Non Machine Priceable Record-Applied Job Code—If Machine Priceable="N" or "H" and the job code is a 99 type job code, then applied job code must be a valid 99 type job code listed in the Field Manual.	Z1	Information Only	Information Only
		Non Machine Priceable Record-Applied Qualifier—If Machine Priceable="N" or "H" and the job code is a 99 type job code, then applied qualifier must be present and a valid Car Part Code per Rule 83 in the Field Manual or a "Z" qualifier less than or equal to "ZH".	Z2	Mandatory Reject	Mandatory Reject
		Non Machine Priceable Record-Applied/Removed Qualifier—If Machine Priceable="N" or "H" and the job code is NOT a 99 type job code, then applied/removed qualifier if present must be alphabetic or numeric (alphanumeric is invalid).	Z3	Information Only	Information Only
		All Records—If Detail Source = 'DC', 'DE', 'MA', 'JI', 'JR', 'DR', or "JD" then Responsibility Code must = '3'.	Z4	Mandatory Reject	Mandatory Reject
		All Records—If Detail Source = 'BR' or 'GB' then Responsibility Code must = '1' or '2'.	Z5	Mandatory Reject	Mandatory Reject
		All Records—If Job Code = "3399" then Why Made Code must = '25' and Condition Code = '2' or 'T'.	Z6	Information Only	Information Only

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.

(Sorted in error code order)				Jul 2026 – Oct 2026	Oct 2026 – Jan 2027
Item	**Positions**	**Edit**	**Error Code**	**DX Error Type**	**DX Error Type**
		All Records—If Machine Priceable = "Y", the Labor and Material prices must match the current couplet in the Price Master.	Z7	Information Only	Information Only
		Non Machine Priceable Record—If Machine Priceable="N" or "H" and the job code = "6999", then Applied Qualifier must be either 'FN', 'HR', 'FF', 'FJ', 'AC', 'AK', 'DD', 'GQ' or 'QM'.	Z8	Mandatory Reject	Mandatory Reject
		Detail Source GB—If Detail Source=GB then the job code must be a Group Billable job code.	Z9	Mandatory Reject	Mandatory Reject
		Detail Source CB—If Detail Source=CB then a corresponding Document Reference Number, Billing/Invoicing Party, and Billed/Invoiced Party combination must be found in the CRB Electronic Exceptions System.	ZA	Information Only	Mandatory Reject
		Detail Source CB—If Detail Source=CB AND there is no ZA Error Code, then Inbound Submission Date must not exceed 6 months from the CBA Issue Date in the CRB Electronic Exceptions System.	ZB	Information Only	Mandatory Reject
		Detail Source CB—If Detail Source=CB AND there is no ZA Error Code, then Inbound Submission Amount (Material Charge) must equal CBA Total Amount in the CRB Electronic Exceptions System.	ZC	Information Only	Mandatory Reject
		Detail Source CB—If Detail Source=CB AND Inbound Resubmitted Invoice Indicator is not = "R", then Inbound Document Reference Number, Billing/Invoicing Party, and Billed/Invoiced Party combination must be unique and not previously submitted to CRB.	ZD	Information Only	Mandatory Reject

Appendix E Intentionally Left Blank

Appendix F Price Master Maintenance

F.1 Scope and Purpose

The following is a description of the fields and codes contained in the Price Master layout.

- **Currency Indicator**—Position 1; 1-character alpha; U = US or C = Canadian.
- **Applied Job Code**—Positions 2–5; 4-digit, numeric; Interchange Rule Job Code.
- **Applied Condition Code**—Position 6; 1-digit, alphanumeric; condition of material applied or labor performed per the Field Manual, Rule 83.
- **Removed Job Code**—Positions 7–10; 4-digit, numeric Interchange Rule Job Code.
- **Valid Why Made Code**—Positions 11–12; 2-character alphanumeric codes for Why Made Code per the Field Manual, Rule 83.
- **Valid Responsibility Code**—Position 13; 1-digit, numeric for Responsibility Code per the Field Manual, Rule 83.
- **Price Master Year**—Position 14–15; 2-digit, numeric for valid Price Master year.
- **Price Master Month**—Position 16–17; 2-digit, numeric for valid Price Master month.
- **Applied Qualifier**—Positions 18–19; 2-character numeric Qualifier or alphabetic Car Part for Applied Job Code (if applicable); no skips in Qualifier Codes; low range is 00 or AA. If numeric, indicates the highest-related Qualifier allowed for Job Code. If "VZ," indicates Car Part Code is required for Job Code.
- **Removed Qualifier**—Positions 20–21; 2-character numeric Qualifier or alphabetic Car Part for Removed Job Code (if applicable); no skips in Qualifier Codes; low range is 00 or AA. If numeric, indicates the highest-related Qualifier allowed for Job Code. If "VZ," indicates Car Part Code is required for Job Code.
- **Valid Locations**—Positions 22–31; 10, 2-character, alphanumeric; indicates acceptable locations as reported per the Field Manual, Rule 83.
- **Maximum Units**—Positions 32–35; 4-digit, numeric; maximum units that will be acceptable for the condition.
- **Valid Articulated Locations**—Positions 36–45; 10, 2-character alphanumeric; indicates acceptable locations as reported per the Field Manual, Rule 83.
- **Articulated Maximum Units**—Positions 46–49; 4-digit, numeric; maximum units that will be acceptable for the condition.
- **Valid Drawbar Locations**—Positions 50–59; 10, 2-character, alphanumeric; indicates acceptable locations as reported per the Field Manual, Rule 83.
- **Drawbar Maximum Units**—Positions 60–63; 4-digit, numeric; maximum units that will be acceptable for the condition.
- **Material Unit**—Position 64; 1-digit, numeric; Unit of Measure Code; valid values are:
  - **1** Each or Assembly
  - **2** Weight in Pounds

3 Length in Feet
4 Hours of Labor (Expressed in Tenths)
5 (n/a – Reserved for future use)
6 Square Feet
7 Quarts
8 Board Feet
9 Per **1**,**000** Gallons
0 Gallon/Other

- **Betterment Indicator**—Position 65–65; 1-digit, numeric; valid values are:

  0 No Betterment
  1 A Betterment Situation

- **Fixed Labor Standard**—Positions 66–71; 6-digit, numeric; hours and thousandths.
- **Variable Labor Standard**—Positions 72–77; 6-digit, numeric; hours and thousandths.
- **Narrative**—Positions 78–127; 50-character, alphanumeric; narrative to describe repair or service operation; should agree with Field Manual description; in some cases, may be abbreviated. For wheel, this field is redefined as follows.
  - **Wheel Narrative**—Positions 78–105; 28-character; alphanumeric; wheel description.
  - **Filler**—Positions 106–123; 18-digit, numeric; always blank.
  - **Maximum Service Metal**—Positions 124–127; 4-digit numeric; Maximum Service Metal allowable for Applied Wheel (16ths). This field is redefined as follows.
    - **Applied Service Metal**—Positions 124–125; 2-digit, numeric; Maximum Service Metal (16ths) allowable for Applied Wheel.
    - **Removed Service Metal**—Positions 126–127; 2-digit, numeric; Maximum Service Metal (16ths) allowable for Removed Wheel.
- **Material Price**—Positions 128–133; 6-digit, numeric, 2 decimals implied, (ex. 400 = 4.00); mandatory for manually priced BRCs.
- **Credit Price**—Positions 134–139; 6-digit, numeric, 2 decimals implied, (ex. 400 = 4.00); for material removed.
- **Labor Fixed**—Positions 140–145; 6-digit, numeric, 2 decimals implied, (ex. 400 = 4.00); full value of material applied for condition.
- **Labor Variable**—Positions 146–151; 6-digit, numeric, 2 decimals implied, (ex. 400 = 4.00); full value of material removed.
- **Machine Priceable**—Position 152–152; 1-character, alpha; indicators are: Y = Repair is priceable per the Price Master, N = the repair is not priceable per the Price Master.
- **Major Part Type**—Position 153–153; 1-character, alpha

  A Air Brake
  E EOC or COC (Cushion Units)
  H Wheel Set
  R Roller Bearing
  S Standard
  T TTX
  W Wheel
  L Labor
  9 '99' Job Code (future use)

- **PM Number Prefix**—Positions 154–155; 2-character, alphabetic.
- **PM Number**—Positions 156-157; 2digit, numeric; ICC Repair Account.
- **Last Valid Year**—Positions 158–159; 2-digit, numeric; termination date for repairs to be accomplished for pricing by this record; field will contain 99 for current pricing period.
- **Last Valid Month**—Positions 160–161; 2-digit, numeric; termination date for repairs to be accomplished for pricing by this record; field will contain 99 for current pricing period.
- **Component ID Indicator** – Position 162; 1-character alpha; indicators are: Y = component ID is required, N = component ID is not required.
- **Filler**—Positions 163–250; 88-character always blank; potential user field.

F.2 Pricing Example

All examples will use the standard pricing formula of:

((Material - Credit)*Quantity) + ((Variable Labor*Quantity) + Fixed Labor) = Total Price

F.2.1 Standard Pricing with Fixed Labor

Fixed labor means that the amount charged for labor is "fixed" for a job code at one rate regardless of the quantity of material applied.

Example: Job Code 3582—Friction Casting—Ride Control Truck—Fixed Labor—Quantity of One (1) Applied

- Applied Job Code is 3582
- Removed Job Code is 3582 (used to calculate scrap credit)
- Job Code 3582 contains part number 4244 at a weight of 5 pounds
- Why Made Code = 02 ("Broken")
- Unit of Measure = Each
- Quantity = 2
- Material cost for New condition = $33.26
- Scrap Credit = .07 per pound (of part 4244) = 5 pounds * .07 = $0.35
- Labor (Fixed) = 1.555 hours at a rate of $83.03 (per part 4450) = $129.11

Gives us a calculation of:

(($33.26 - $0.35)*2) + ((0.00*2) + $129.11) = $194.93

Price Master Record for this example (Job Code 3582)

Price Master Field Name	Sample Value
Currency Indicator	U
Applied Job Code	3582
Applied Condition Code	1 ('New')
Removed Job Code	3582
Why Made Code	02 ('Broken')
Responsibility Code	1

Price Master Field Name	Sample Value
Year	05
Month	10
Applied Qualifier	00
Removed Qualifier	00
Locations Required	AL AR BL BR
Maximum Units	2
Articulated Locations Required	AL AR BL BR CL CR DL DR EL ER FL FR
Articulated Maximum Units	2
Drawbar Locations Required	AL AR BL BR CL CR DL DR EL ER FL FR GL GR HL HR IL IR JL JR
Drawbar Maximum Units	2
Material Unit	1 ('Each')
Betterment Indicator	0
Fixed Labor Standard Time	1.555
Variable Labor Standard Time	0
Narrative	TRK STAB FRCT CASTING-RIDE CONTROL TRK
Material Price	33.26
Credit Price	0.35
Labor Fixed	129.11
Labor Variable	0.00
Machine Priceable	Y
Major Part Type	S
Number	96
Last Valid Year	99
Last Valid Month	99
CID Indicator	N
Filler	--

F.2.2 Standard Pricing with Variable Labor

This term is the pricing used for most Job Codes. Variable labor means that the amount charged for labor is “variable” and is based on the quantity of material applied for the Job Code. The labor, as well as the material, is multiplied by the quantity.

Example: Job Code 1852—Brake Shoe Key

- Applied Job Code is 1852
- Removed Job Code is 1852
- Why Made Code 02 (“Broken”)
- Unit of Measure = Each
- Quantity = 4
- Material cost for New condition = $1.61

- Scrap Credit = $0.00
- Labor = .093 hours at a rate of $83.03 (per part 4450) = $7.72 per unit

Gives us a calculation of:

($1.61 - $0.00)*4) + ((7.72*4) + 0) = $37.32

Price Master Record for this example (Job Code 1852)

Price Master Field Name	Sample Value
Currency Indicator	U
Applied Job Code	1852
Applied Condition Code	1 ('New')
Removed Job Code	1852
Why Made Code	02 ('Broken')
Responsibility Code	1
Year	05
Month	10
Applied Qualifier	--
Removed Qualifier	--
Locations Required	--
Maximum Units	8
Articulated Locations Required	--
Articulated Maximum Units	8
Drawbar Locations Required	--
Drawbar Maximum Units	8
Material Unit	1 ('Each')
Betterment Indicator	0
Fixed Labor Standard Time	0
Variable Labor Standard Time	.093
Narrative	Brake Shoe Key
Material Price	1.61
Credit Price	0.00
Labor Fixed	0.00
Labor Variable	7.72
Pm Machine Priceable	Y
Major Part Type	S
PM Number Prefix	PM
Pm Number	96
Last Valid Year	99
Last Valid Month	99
CID Indicator	N
Filler	--

F.2.3 Standard Pricing with Fixed and Variable Labor

For Job Codes using fixed and variable labor, a portion of the labor is variable labor and a portion of the labor is fixed labor.

Example: Job Code 5500—Reflective Sheeting, Initial Application or Complete Renewal

- Applied Job Code is 5500
- Removed Job Code is 5500
- Why made code 27 (“Initial Application”)
- Unit of Measure = Each
- Quantity = 18
- Material cost for New condition = $1.51
- Scrap Credit = $0.00
- Labor (Fixed)= .095 hours at a rate of $83.03 (per part 4450) = $7.89
- Labor (Variable)= .044 hours at a rate of $83.03 (per part 4450) = $3.65 per unit

Gives us a calculation of:

($1.51 - $0.00)*18) + ((3.65*18) + $7.89) = $100.77

Price Master Record for this example (Job Code 5500)

Price Master Field Name	Sample Value
Currency Indicator	U
Applied Job Code	5500
Applied Condition Code	1 ('New')
Removed Job Code	5500
Why Made Code	27 ('Initial Application')
Responsibility Code	1
Year	05
Month	10
Applied Qualifier	--
Removed Qualifier	--
Locations Required	--
Maximum Units	26
Articulated Locations Required	--
Articulated Maximum Units	100
Drawbar Locations Required	--
Drawbar Maximum Units	100
Material Unit	1 ('Each')
Betterment Indicator	0
Fixed Labor Standard Time	.095
Variable Labor Standard Time	.044
Narrative	Reflective Sheeting, Initial Application or complete Renewal Only
Material Price	1.51
Credit Price	0.00
Labor Fixed	$7.89

Price Master Field Name	Sample Value
Labor Variable	$3.65
Pm Machine Priceable	Y
Major Part Type	S
PM Number Prefix	PM
Pm Number	96
Last Valid Year	99
Last Valid Month	99
CID Indicator	N
Filler	--

F.2.4 RR&R—Remove, Repair, and Replace

This is the removal, repair, and replacement of the same part. This is identified by the use of Condition Code 8. The cost of the material will include the securement to replace the part.

Example: Job Code 4580—Hand Hold or Grab Iron 36 in. or less

- Applied Job Code is 4580
- Removed Job Code is 4580
- Why Made code 05 (“Bent”)
- Unit of Measure = Each
- Quantity = 1
- Material cost for condition 8 (RR&R) = $4.04 (securement)
- Scrap Credit = $0.35
- Labor = .186 hours at a rate of $83.03 (per part 4450) = $15.44

Gives us a calculation of:

($4.04 - $0.35)*1) + (($15.44*1) + $0) = $19.13

Price Master Record for this example (Job Code 4580)

Price Master Field Name	Sample Value
Currency Indicator	U
Applied Job Code	4580
Applied Condition Code	8 ('RR&R')
Removed Job Code	4580
Why Made Code	05 ('Bent')
Responsibility Code	1
Year	05
Month	10
Applied Qualifier	--
Removed Qualifier	--
Locations Required	ABRL
Maximum Units	50
Articulated Locations Required	ABRL
Articulated Maximum Units	50

Price Master Field Name	Sample Value
Drawbar Locations Required	AB
Drawbar Maximum Units	1
Material Unit	1 ('Each')
Betterment Indicator	0
Fixed Labor Standard Time	0
Variable Labor Standard Time	.186
Narrative	Hand Hold or Grab Iron 36in. or less
Material Price	4.04
Credit Price	0.35
Labor Fixed	0
Labor Variable	15.44
Machine Priceable	Y
Major Part Type	S
Number	96
Last Valid Year	99
Last Valid Month	99
CID Indicator	N
Filler	--

F.2.5 R&R—Remove and Replace

This is the removal and replacement of the same part. This is identified by the use of Condition Code 9. The cost of the material will include the securement to replace the part.

Example: Job Code 4474—R&R Coupler Body E Type

- Applied Job Code is 4474
- Removed Job Code is 4474
- Why made code 09 (“Account Repairs”)
- Unit of Measure = n/a
- Quantity = 1
- Material cost for condition 9 (R&R) = $0.14 (securement)
- Scrap Credit = $0.00
- Labor = .565 hours at a rate of $83.03 (per part 4450) = $46.91

Gives us a calculation of:

($0.14 - $0.00)*1) + ((46.91*1) + 0.00) = $47.05

Price Master Record for this example (Job Code 4474)

Price Master Field Name	Sample Value
Currency Indicator	U
Applied Job Code	4474
Applied Condition Code	9 (‘R&R’)
Removed Job Code	4474
Why Made Code	09 (‘Account Repairs’)
Responsibility Code	1
Year	05
Month	10
Applied Qualifier	--
Removed Qualifier	--
Locations Required	AB
Maximum Units	1
Articulated Locations Required	AB
Articulated Maximum Units	1
Drawbar Locations Required	AB
Drawbar Maximum Units	1
Material Unit	1 (‘Each’)
Betterment Indicator	0
Fixed Labor Standard Time	0
Variable Labor Standard Time	0.565
Narrative	R&R Coupler Body E Type
Material Price	0.14
Credit Price	0.00
Labor Fixed	0.00

Price Master Field Name	Sample Value
Labor Variable	46.91
Machine Priceable	Y
Major Part Type	S
Literal	PM
Number	96
Last Valid Year	99
Last Valid Month	99
CID Indicator	N
Filler	--

F.2.6 Pricing using Why Made Code

The new CRB system will allow for different pricing formulas based on the Why Made Code. This example will build on the example for ***Standard Pricing with Fixed Labor*** (Job Code 2038), but use a different Why Made Code. In this example, a Why Made Code of 03 ("Missing") with Responsibility Code 3 (Defect Card authority) would change the pricing because there is no credit for scrap.

Example: Job Code 2038—Coupler Body, SBE 67 CC

- Applied Job Code is 2038
- Removed Job Code is 2038 (used to calculate scrap credit)
- Responsibility Code 3 (Defect Card authority)
- Job Code 2038 contains part number 2047 at a weight of 384 pounds
- Why Made Code = 03 ("Missing")
- Unit of Measure = Each
- Quantity = 1
- Material cost for New condition = $352.49
- Scrap Credit = $0.00
- Labor = 1.076 hours at a rate of $83.03 (per part 4450) = $89.34

Gives us a calculation of:

($352.49 - $0.00)*1) + ((89.34*1) + 0.00)= $441.83

Price Master Record for this example (Job Code 2038)

Price Master Field Name	Sample Value
Currency Indicator	U
Applied Job Code	2038
Applied Condition Code	1 ('New')
Removed Job Code	2038
Why Made Code	03 ('Missing')
Responsibility Code	3
Year	05
Month	10
Applied Qualifier	01 ('American Steel Foundries')

Price Master Field Name	Sample Value
Removed Qualifier	01 ('American Steel Foundries')
Locations Required	AB
Maximum Units	1
Articulated Locations Required	AB
Articulated Maximum Units	1
Drawbar Locations Required	AB
Drawbar Maximum Units	1
Material Unit	1 ('Each')
Betterment Indicator	0
Fixed Labor Standard Time	0
Variable Labor Standard Time	1.076
Narrative	Coupler Body, SBE 67 CC
Material Price	352.49
Credit Price	0.00
Labor Fixed	0.00
Labor Variable	89.34
Machine Priceable	Y
Major Part Type	S
PM Number Prefix	PM
PM Number	96
Last Valid Year	99
Last Valid Month	99
CID Indicator	Y
Filler	--

F.2.7 Weld—Labor Only Job Code

The welding Job Codes 4800 to 4812 contain variable labor and no material. Variable labor means that the amount charged for labor is "variable" and is based on the quantity of material applied for the Job Code. The labor, as well as the material, is multiplied by the quantity.

Example: Job Code 4800 - Tack or Fillet Weld

- Applied Job Code is 4800
- Removed Job Code is 4800
- Responsibility Code 1 (Owner)
- Why Made Code = 02 ("Broken")
- Unit of Measure = Length (Per Inch)
- Quantity = 12
- Material cost for New condition = $0.00
- Scrap Credit = $0.00
- Labor (Variable) = 0.040 hours at a rate of $83.03 (per part 4450) = $3.32

Gives us a calculation of:

($0.00 - $0.00)*12) + (($3.32*12) + 0.00)= $39.84

Price Master Record for this example (Job Code 4800)

Price Master Field Name	Sample Value
Currency Indicator	U
Applied Job Code	4800
Applied Condition Code	0 ('Labor')
Removed Job Code	4800
Why Made Code	02 ('Broken')
Responsibility Code	1
Year	05
Month	10
Applied Qualifier	QY ('Side Sheet')
Removed Qualifier	QY ('Side Sheet')
Locations Required	1 2 3 4 A AL AR B BL BR C L L1 L2 L3 L4 R R1 R2 R3 R4
Maximum Units	2500
Articulated Locations Required	1 2 3 4 5 6 7 8 9 A AL AR B BL BR C CL CR D DL DR L L1 L2 L3 L4 R R1 R2 R3 R4
Articulated Maximum Units	2500
Drawbar Locations Required	1 2 3 4 5 6 7 8 9 A AL AR B BL BR C CL CR D DL DR L L1 L2 L3 L4 R R1 R2 R3 R4
Drawbar Maximum Units	2500
Material Unit	3 ('Length')
Betterment Indicator	0
Fixed Labor Standard Time	0
Variable Labor Standard Time	1.076
Narrative	TACK OR FILLET WELD
Material Price	0.00
Credit Price	0.00
Labor Fixed	0.00
Labor Variable	3.32
Machine Priceable	Y
Major Part Type	S
PM Number Prefix	PM
PM Number	96
Last Valid Year	99
Last Valid Month	99
CID Indicator	N
Filler	--

F.3 Distribution and Control

A series of items is produced from the Price Master Maintenance Procedure. These include programs, files, and reports as follows:

	Output	Intended Use	Distribution
Files:	Price Master	Pricing and Editing on Repairing Line or Car Owner	Per New Price Master Period upon application to AAR
Reports:	Matrices (AAR Office Billing & Reference Manual)		All holders of the AAR Office Manual

Appendix G Data Exchange Record Layouts and Descriptions

Important Note: Mandatory and Informational edit information referenced in Appendix C.

G.1 Data Exchange Formats

Changes to the Data Exchange record formats are highlighted in the following tables.

Important Note: Mandatory and informational edits for Record Format 1 referenced in Appendix C.3.

	Record Format 1—Repair/Misc Charges					
	Legend: N = Numeric, A = Alphabetic, A/N = Alphanumeric; R = Required, O = Optional, C = Conditionally Required					
	Field Name	**Column**	**Length**	**Format**	**R/O/C**	**Notes**
	Record Format	1	1	A/N	R	Always "1"
Invoice	Billing/Invoicing Party	2	4	A/N	R	This could be a Railroad, Contractor, Car Owner, Lessor or Running Repair Agent.
Invoice	Billed Party	6	4	A/N	R	
Invoice	Account Date (YYMM)	10	4	N	R	
Invoice	Invoice Number	14	16	A/N	R	
Invoice	Price Master Currency Indicator	30	1	A/N	R	U=US, C=Canada
Repair Header	Detail Source	31	2	A/N	R	**BR** Billing Repair Data **CB** Counter Billing **DC** Defect Card **DE** Destroyed Equipment (Rule 107) **DM** Dismantled Equipment (Rule 108) **DR** Defect Card Rebuttal Billing **GB** Group Billable **GT** GST Tax **HT** Canadian Harmonized Tax **IV** Imposed Value Added Mexican Tax **JD** JIC Dismantled/Retired **JI** Joint Inspection **JR** Joint Inspection Rebuttal Billing **MA** Material Supplied (Rule 85) **OT** Other **PT** Canadian Provincial Sales Tax **QT** Quebec Sales Tax **RE** Rebuttal Billing **SH** Shop Billing
Repair Header	Document Reference Number	33	15	A/N	C	Required for CBA number
Repair Header	Car Initial	48	4	A	R	

	Record Format 1—Repair/Misc Charges					
	Legend: N = Numeric A = Alphabetic A/N = Alphanumeric			R = Required O = Optional C = Conditionally Required		
	Field Name	**Column**	**Length**	**Format**	**R/O/C**	**Notes**
	Car Number	52	6	N	R	
	Kind of Car Symbol	58	1	A	C	Required for all Detail Sources except GB (Group Billable)
	Load/Empty Indicator	59	1	A/N	C	L=Loaded, E=Empty, U: Unknown: Not required for group billing
	Repair Date (YYMMDD)	60	6	N	R	
	SPLC	66	6	N	R	
	Repairing Party	72	4	A/N	R	If Billing/Invoicing Party is a Running Repair Agent (as found in Appendix H of AAR Office Manual or in FindUs.Rail) show Sponsoring Railroad reporting mark.
	Repairing Party Invoice Number	76	16	A/N	R	If Billing/Invoicing Party is a Running Repair Agent (as found in Appendix H of AAR Office Manual or in FindUs.Rail) show Running Repair Agents Invoice Number.
	Repairing Party Document Reference Number	92	15	A/N	C	Required for Rebuttal Billing (Detail Source = RE) if shown on original invoice, however may be blank if blank was reported by Original Repairing Party.
	Repair Facility Type	107	2	A/N	R	**BS** Back Shop **CS** Contract Shop **ET** Expedite Track **LR** Line of Road **RT** Repair Track **YD** Yard Repair
Repair Detail	Location on Car	109	2	A/N	C	
	Reserved for future CRB use	111	1	A/N	O	Future use for expanding Location on Car to three digits
	Reserved for future CRB use	112	1	N	O	Future use for expanding quantity to five digits
	Quantity	113	4	N	R	
	Condition Code	117	1	A/N	R	
	Reserved for future CRB use	118	2	N	O	Future use for expanding Applied Job Code to six digits
	Applied Job Code	120	4	N	R	
	Applied Qualifier	124	3	A/N	C	
	Why Made Code	127	2	A/N	R	
	Reserved for future CRB use	129	2	N	O	Future use for expanding Removed Job Code to six digits

	Record Format 1—Repair/Misc Charges					
	Legend: N = Numeric A = Alphabetic A/N = Alphanumeric			R = Required O = Optional C = Conditionally Required		
	Field Name	**Column**	**Length**	**Format**	**R/O/C**	**Notes**
	Removed Job Code	131	4	N	R	
	Removed Qualifier	135	3	A/N	C	
	Responsibility Code	138	1	N	R	
	Defect Card/JIC Party	139	4	A/N	C	
	Defect Card/JIC Date (YYMMDD)	143	6	N	C	
	Labor Charge	149	7	N	R	
	Material Charge	156	8	N	R	
	Material Sign	164	1	A	R	D = Debit, C = Credit
	Machine Priceable Indicator	165	1	A	R	Y=Priceable, N=Non-Priceable, H=Hybrid Priceable
	Wrong Repair Indicator	166	1	A	C	Formerly known as Penalty Indicator, Y or N or blank
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	R	Non-wheel repairs use 50 characters for the description
	Applied Wheel Date (MMYY)	195	4	N	C	Conditionally Required for wheel job codes
	Applied Wheel Manufacture Code	199	2	A/N	C	Conditionally Required for wheel job codes
	Applied Wheel Class Code	201	1	A/N	C	Conditionally Required for wheel job codes
	Applied Side Reading	202	2	N	C	Conditionally required for wheel job codes
	Applied Finger Reading	204	2	N	C	Conditionally required for wheel job codes
	Removed Wheel Date (MMYY)	206	4	A/N	C	Conditionally required for wheel job codes
	Removed Wheel Manufacture Code	210	2	A/N	C	Conditionally required for wheel job codes
	Removed Wheel Class Code	212	1	A/N	C	Conditionally required for wheel job codes
	Removed Side Reading	213	2	N	C	Conditionally required for wheel job codes
	Removed Finger Reading	215	2	N	C	Conditionally required for wheel job codes
	Labor Rate	217	5	N	O	
	Expanded SPLC	222	9	N	O	
	CIF Repairing Party	231	13	A/N	O	
	CIF Billing/Invoicing Party	244	13	A/N	O	
	CIF Billed Party	257	13	A/N	O	
	CIF Defect/JIC Party	270	13	A/N	O	
	Filler	283	6	N	O	
	Line Number	289	5	N	R	

	Record Format 1—Repair/Misc Charges					
	Legend: N = Numeric A = Alphabetic A/N = Alphanumeric			R = Required O = Optional C = Conditionally Required		
	Field Name	**Column**	**Length**	**Format**	**R/O/C**	**Notes**
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		Inbound Date input by Railinc
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		Outbound Date input by Railinc
	Resubmitted Invoice Indicator	306	1	A/N	C	Conditionally Required for Resubmitted Invoices
	Original Invoice Number	307	16	A/N	C	Required if Resubmitted Invoice Indicator = R
	Original Account Date (YYMM)	323	4	N	C	Required if Resubmitted Invoice Indicator = R
	AAR Component ID (CID)	327	14	A/N	C	Conditionally Required Reporting January 2013
	DDCT Incident ID (XXXX99999999)	341	12	A/N	O	
	Reserved for future CRB use	353	48	A/N	O	
	Free User Area	401	100	A/N	O	

Warning: Mandatory and informational edits for Record Format 6 referenced in Appendix C.4—Equipment owners may reject invoices that do not include all required Format 6 information—***even if they are not rejected by Railinc***.

	Record Format 6—Contact Information					
	Legend: N = Numeric, A = Alphabetic, A/N = Alphanumeric; R = Required, O = Optional, C = Conditionally Required					
	Field Name	**Column**	**Length**	**Format**	**R/O/C**	**Notes**
	Record Format	1	1	A/N	R	Always "6"
Invoice	Billing/Invoicing Party	2	4	A/N	R	This could be a Railroad, Contractor, Car Owner, Lessor or Running Repair Agent.
	Billed Party	6	4	A/N	R	Formerly known as Owner Initial.
	Account Date (YYMM)	10	4	N	R	
	Invoice Number	14	16	A/N	R	
	Price Master Currency Indicator	30	1	A/N	R	U=US, C=Canadian
Contact	Contact Type	31	2	A/N	R	Mandatory: **BP** = Billed Party Optional: **RT** = Remit To **IQ** = Inquires **EX** = Exceptions **IP** = Billing/Invoicing Party
	Company Name	33	50	A/N	R	
	Name	83	35	A/N	O	
	Title	118	35	A/N	O	
	Phone	153	25	A/N	O	
	Fax	178	25	A/N	O	
	E-Mail	203	60	A/N	O	
	Street Address 1	263	45	A/N	R	
	Address 2	308	45	A/N	O	
	Address 3	353	45	A/N	O	
	Address 4	398	45	A/N	O	
	City	443	35	A/N	R	
	State/Province	478	2	A	R	
	Country Code	480	2	A/N	R	US=United States, CA=Canada, MX=Mexico
	Zip/Postal Code	482	10	A/N	R	
	Reserved for CRB future use	492	9	A/N	O	

Important Note: Mandatory and informational edits for Record Format 8 referenced in Appendix C.5

	Record Format 8—Invoice Subtotal/Totals Format					
	Legend: N = Numeric, A = Alphabetic, A/N = Alphanumeric			R = Required, O = Optional, C = Conditionally Required		
	Field Name	**Column**	**Length**	**Format**	**R/O/C**	**Notes**
	Record Format	1	1	A/N	R	Always "8"
Invoice	Billing/Invoicing Party	2	4	A/N	R	This could be a Railroad, Contractor, Car Owner, Lessor or Running Repair Agent.
	Billed Party	6	4	A/N	R	
	Account Date (YYMM)	10	4	N	R	
	Invoice Number	14	16	A/N	R	
	Price Master Currency Indicator	30	1	A/N	R	U=US, C=Canadian
Totals	Detail Source	31	2	A/N	R	**BR** Billing Repair Data **CB** Counter Billing **DC** Defect Card **DE** Destroyed Equipment (Rule 107) **DM** Dismantled Equipment (Rule 108) **DR** Defect Card Rebuttal Billing **GB** Group Billable **GT** GST Tax **HT** Canadian Harmonized Tax **IV** Imposed Value Added Mexican Tax **JD** JIC Dismantled/Retired **JI** Joint Inspection **JR** Joint Inspection Rebuttal Billing **MA** Material Supplied (Rule 85) **OT** Other **PT** Canadian Provincial Sales Tax **QT** Quebec Sales Tax **RE** Rebuttal Billing **SH** Shop Billing
	Record Count	33	7	N	R	Total number of Record 1's
	Labor Charge	40	10	N	R	
	Material Charge	50	16	N	R	
	Sign	66	1	A	R	D = Debit, C = Credit
	Invoice Date (YYMMDD)	67	6	N	R	
	Tax Payer Id	73	15	A/N	R	Required on invoice total ("ZZ") for US, Canadian and Mexican transactions. • Federal US Tax Payer Id required for all US submitters. • Canadian Tax Payer Registration Number required for all Canadian submitters (GT, HT, QT, PT). • Mexican Tax Payer Id required for all Mexican submitters (IV)
	Payment Terms	88	2	N	O	
	Payment Due Date (YYMMDD)	90	6	N	O	

Record Format 8—Invoice Subtotal/Totals Format					
Legend:	N = Numeric A = Alphabetic A/N = Alphanumeric			R = Required O = Optional C = Conditionally Required	
Field Name	**Column**	**Length**	**Format**	**R/O/C**	**Notes**
Railinc Inbound Date Stamp (YYMMDD)	96	6	N		Inbound Date will be input by Railinc
Railinc Outbound Date Stamp (YYMMDD)	102	6	N		Outbound Date will be input by Railinc
Reserved for CRB future use	108	293	A/N	O	
Free User Area	401	100	A/N	O	

Warning: Effective 6/5/09 Railinc will ***reject*** all files with missing, invalid, or out-of-balance 9 records. Mandatory and informational edits for Record Format 9 referenced in Appendix C.6.

	Record Format 9 Input—Control					
	Legend:	N = Numeric A = Alphabetic A/N = Alphanumeric			R = Required O = Optional C = Conditionally Required	
	Field Name	**Column**	**Length**	**Format**	**R/O/C**	**Notes**
	Record Format	1	1	A/N	R	Always "9"
Invoice	Billing/Invoicing Party	2	4	A/N	R	This could be a Railroad, Contractor, Car Owner, Lessor or Running Repair Agent.
	Filler	6	4	A	R	Always "ZZZZ"
	Account Date (YYMM)	10	4	N	R	
	Filler	14	16	A	R	Always "ZZZZZZZZZZZZZZZZ"
	Filler	30	1	A	R	Always "Z"
Totals	Filler	31	2	A	R	Always "ZZ"
	Record Count	33	7	N	R	Total number of Record 1's
	Labor Charge	40	10	N	R	Sum of the labor charge of all Record 1's
	Material Charge	50	16	N	R	Sum of the material charge of all Record 1's
	Sign	66	1	A	R	D = Debit, C = Credit (this applies to Material Charge)
	Reserved for CRB future use	67	434	A/N	O	

	Record Format 9 Output—Control					
	Legend:	N = Numeric A = Alphabetic A/N = Alphanumeric			R = Required O = Optional C = Conditionally Required	
	Field Name	**Column**	**Length**	**Format**	**R/O/C**	**Notes**
	Record Format	1	1	A/N	R	Always "9"
Invoice	Filler	2	4	A	R	Always "ZZZZ"
	Billed Party	6	4	A/N	R	
	Account Date (YYMM)	10	4	N	R	
	Filler	14	16	A	R	Always "ZZZZZZZZZZZZZZZZ"
	Filler	30	1	A	R	Always "Z"
Totals	Filler	31	2	A	R	Always "ZZ"
	Record Count	33	7	N	R	Total number of Record 1's
	Labor Charge	40	10	N	R	Sum of the labor charge of all Record 1's
	Material Charge	50	16	N	R	Sum of the material charge of all Record 1's
	Sign	66	1	A	R	D = Debit, C = Credit (this applies to Material Charge)
	Reserved for CRB future use	67	434	A/N	O	

G.1.1 FindUs.Rail to CRB Outound Record 6 Data Chart

Contact information for Billing/Invoicing Party, Remit To, Inquiries and Exceptions is pulled from FindUs.Rail and sent in the Outbound Format 6 Records. Some of the contact information fields in FindUs.Rail are longer than what is allowed in CRB. This chart outlines how the contact information from FindUs.Rail is handled when it is copied into CRB.

FindUs.Rail Field Name	FindUs.Rail Length	FindUs.Rail Req'd/Opt (RT, IQ, EX & IP)		CRB Outbound 6 Record Field Name	CRB Outbound 6 Record Length	CRB Outbound 6 Record Req'd/Opt (RT, IQ, EX & IP)	Implementation Notes
Function	2	R		Contact Type	2	R	Straight copy
Company Name	50	R		Company Name	50	R	Straight copy
First Name	50	O		Name	35	O	If length of First Name + Last Name > 35 characters, use entire Last Name and as much of First Name as possible to make 35. Include a space between First and Last names.
Last Name	50	O				O	
Position	100	R		Title	35	R	Truncate to 35 characters.
Primary Phone Number	30	R		Phone	25	R	Use Area Code, Base and International Code. Drop the Extension.
Area Code	5						
Base	15						
Extension	6						
International Code	4						
Fax Number	30	O		Fax	25	O	Do not copy the Fax Number.
Area Code	5						
Base	15						
Extension	6						
International Code	4						
Email Address	50	R		E-Mail	60	R	Straight copy

FindUs.Rail Field Name	FindUs.Rail Length	FindUs.Rail Req'd/Opt (RT, IQ, EX & IP)		CRB Outbound 6 Record Field Name	CRB Outbound 6 Record Length	CRB Outbound 6 Record Req'd/Opt (RT, IQ, EX & IP)	Implementation Notes
Address 1	50	R		Street Address 1	45	R	Truncate to 45 characters.
Address 2	50	O		Address 2	45	O	Truncate to 45 characters.
Address 3	50	O		Address 3	45	O	Truncate to 45 characters.
N/A	---	---		Address 4	45	O	N/A
City	30	R		City	35	R	Straight copy
State/Province	3	R		State/Province	2	R	US and Canadian States/Provinces - Straight copy. Mexican States - FindUs.Rail uses 3-character abbreviations for Mexican States. These will be mapped to a 2-character equivalent before copying to the Outbound 6 Record. The 2-character abbreviations that will be used are provided by the Federal Motor Carrier Safety Administration (FMCSA), and can be found here: https://ask.fmcsa.dot.gov/euf/assets/mcmiscatalog/states.html
Country Code	2	R		Country Code	2	R	Straight copy
Postal Code	11	R		Zip/Postal Code	10	R	If Postal Code is > 10 characterss, remove non-numeric formatting characters (dashes, spaces, slashes, periods, etc). If still > 10 characters, truncate.

G.2 Clarification on Data Exchange Record Formats 1, 6, 8 and 9

G.2.1 Record Format 1

Clarification on Data Exchange Record Format 1—Repair Charges

The Record Format 1 will be submitted according to the combination of Billing/Invoicing Party, Billed Party, Invoice Number, Detail Source, Car Initial, Car Number, Repair Date and SPLC.

Data Exchange Record Format 1 Example:

Canadian Billing Party XXXX repairs Car Owner YYYY cars and submits an invoice in with the Account Date 0802, Invoice Number 654321 with 10 BRCs with Detail Source "BR" that total $2000.00. Also included is CBA Detail Source "CB" for $100.00 (car owner Issued Railroad CBA file number 12345), with 5 Detail Source "GB" totaling $1000.00 and Detail Source "GT" for $900.00 (Detail source GT would only have been included on Canadian registered entity).

Record Format = 1 (Per the example above, report 9 more times for each BRC Detail line "BR")

- Record Format = 1
- Billing/Invoicing Party = XXXX
- Billed Party = YYYY
- Account Date (YYMM) = 0802
- Invoice Number = 654321
- Price Master Currency Indicator = C
- Detail Source = BR (Billing repair data)
- Car Initial = YYYY
- Car Number = 000500
- Kind of Car Symbol = T
- Load/Empty Indicator = E
- Repair Date (YYMMDD) = 080202
- SPLC = 030191
- Repairing Party = XXXX
- Repairing Party Invoice Number = 654321
- Repair Facility Type = RT
- Location on Car = A
- Quantity = 0010
- Condition Code = 0
- Applied Job Code = 4450
- Applied Qualifier = AQ
- Why Made Code = 05
- Removed Job Code = 4450
- Removed Qualifier = AQ
- Responsibility Code = 1
- Labor Charge = 0009468
- Material Charge = 00000000
- Material Sign = D
- Machine Priceable Indicator = Y
- Narrative = LABOR, FREIGHT CAR
- Line Number = 00001
- Railinc Inbound Date Stamp (Input by Railinc) =
- Railinc Outbound Date Stamp (Input by Railinc) =

Record Format = 1 (Per the example above, report 1 time for each CBA file number.)

Record Format = 1
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date (YYMM) = 0802
Invoice Number = 654321
Price Master Currency Indicator = C
Detail Source = CB (CBA)
Document Reference Number = 12345
Car Initial = spaces
Car Number = 000000
Kind of Car Symbol = spaces

Load/Empty Indicator = spaces
Repair Date (YYMMDD) = 080215
SPLC = 000000
Repairing Party = XXXX
Repairing Party Invoice Number = 654321
Repairing Party Document Reference Number = 12345
Repair Facility Type = spaces
Location on Car = spaces
Quantity = 0000
Condition Code = spaces
Applied Job Code = 0000
Applied Qualifier = spaces
Why Made Code = spaces
Removed Job Code = 0000
Removed Qualifier = spaces
Responsibility Code = spaces
Labor Charge = 0000000
Material Charge = 00010000
Material Sign = D
Machine Priceable Indicator = N
Narrative = 12345
Line Number = 00001
Railinc Inbound Date Stamp (Input by Railinc)
Railinc Outbound Date Stamp (Input by Railinc)

Record Format = 1 (Per the example above, report 4 more times for each Detail line “GB”.)

Record Format = 1
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date (YYMM) = 0802
Invoice Number = 654321
Price Master Currency Indicator = C
Detail Source = GB (Group Billable)
Car Initial = YYYY
Car Number = 000501
Kind of Car Symbol = T
Load/Empty Indicator = U
Repair Date (YYMMDD) = 080204
SPLC = 030191
Repairing Party = XXXX
Repairing Party Invoice Number = 654321
Repair Facility Type = ET
Location on Car = spaces
Quantity = 0001
Condition Code = 1
Applied Job Code = 1840
Applied Qualifier = spaces
Why Made Code = 02
Removed Job Code = 1838
Removed Qualifier = spaces
Responsibility Code = 1

Labor Charge = 0001127
Material Charge = 00000645
Material Sign = D
Machine Priceable Indicator = Y
Narrative = BRAKE SHOE
Line Number = 00001
Railinc Inbound Date Stamp (Input by Railinc)
Railinc Outbound Date Stamp (Input by Railinc)

Record Format = 1 (Per the example above, report 1 “GT” tax amount for each car.)

Record Format = 1
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date (YYMM) = 0802
Invoice Number = 654321
Price Master Currency Indicator = C
Detail Source = GT (Goods and Services Tax)
Car Initial = spaces
Car Number = 000000
Kind of Car Symbol = spaces
Load/Empty Indicator = spaces
Repair Date (YYMMDD) = 000000
SPLC = 000000
Repairing Party = XXXX
Repairing Party Invoice Number = 654321
Repair Facility Type = RT
Location on Car = spaces
Quantity = 0000
Condition Code = spaces
Applied Job Code = 0000
Applied Qualifier = spaces
Why Made Code = spaces
Removed Job Code = 0000
Removed Qualifier = spaces
Responsibility Code = spaces
Labor Charge = 0000000
Material Charge = 00090000
Material Sign = D
Machine Priceable Indicator = N
Narrative = GST
Line Number = 00001
Railinc Inbound Date Stamp (Input by Railinc)
Railinc Outbound Date Stamp (Input by Railinc)

Important Note:	See the Record Format 1 (Appendix G) for the Required and Optional fields to report or also see Appendix N (Tax Records). ***Required fields must be reported***.

G.2.2 Record Format 6

Clarification on Data Exchange Record Format 6 - Contact Information

Record Format 6 records (Contact Information) must be reported for contact type Billed Party (BP).

Definition of contact types for type six records:

BP: "Billed Party" The contact to whom the Billing/Invoicing Party has directed the invoice for payment.

RT: "Remit To" The Billing/Invoicing Party contact who is responsible for processing an invoice remittance payment received from the Billed Party.

IQ: "Inquiries" The Billing/Invoicing Party contact to inquire on the status of payments, issues, questions, other than exceptions received from the Billed Party.

EX: "Invoice Exceptions" 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.

IP: "Billing or Invoicing Party" The contact who is responsible for submitting the invoice to the Billed Party for payment.

RTUSA: "Remit To USA" The Billing/Invoicing Party contact in the United States who is responsible for processing an invoice remittance payment received from the Billed Party.

RTMEX: "Remit To Mexico" The Billing/Invoicing Party contact in Mexico who is responsible for processing an invoice remittance payment received from the Billed Party.

RTCAN: "Remit To Canada" The Billing/Invoicing Party contact in the United States who is responsible for processing an invoice remittance payment received from the Billed Party.

Data Exchange Record Format 6 Examples:

Record Format = 6
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date = 0801
Invoice Number = 123456
Price Master Currency Indicator = C (C for Canadian or U for US)
Contact Type = **BP** (Billed Party)
Company Name = YYYY Railroad Inc
Name = (optional field)
Title = AAR Manager (optional field)
Phone = 202-626-0000 (optional field)
Fax = 206-626-1000 (optional field)
Email = AARmanager@YYYY.com
Street Address 1: = 50 F Street NW
Address 2 = Floor 12 (optional field)
Address 3 = (optional field)
Address 4 = (optional field)
City = Washington
State/Province = DC
Country Code = US
Zip/Postal Code = 20009

Record Format = 6
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date = 0801
Invoice Number = 123456
Price Master Currency Indicator = C (C for Canadian or U for US)
Contact Type = **RT** (Remit To Contact)
Company Name = XXXX Railway Company
Name = Sam Smith (optional field)
Title = Manager
Phone = 919-651-5000
Fax = 919-651-5400
Email = Sam.Smith@XXXX.com
Street Address 1: = 123 Main Street
Address 2 = Suite 200 (optional field)
Address 3 = (optional field)
Address 4 = (optional field)
City = Montreal
State/Province = PQ
Country Code = CA
Zip/Postal Code = H3B 4M4

Record Format = 6
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date = 0801
Invoice Number = 123456
Price Master Currency Indicator = C (C for Canadian or U for US)
Contact Type = **IQ** (Inquiries)
Company Name = XXXX Railway Company
Name = Phil Jones (optional field)
Title = Supervisor
Phone = 919-651-5001
Fax = 919-651-5400
Email = Pjones@XXXX.com
Street Address 1: = 123 Main Street
Address 2 = Suite 200 (optional field)
Address 3 = (optional field)
Address 4 = (optional field)
City = Montreal
State/Province = PQ
Country Code = CA
Zip/Postal Code = H3B 4M4

Record Format = 6
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date = 0801
Invoice Number = 123456
Price Master Currency Indicator = C (C for Canadian or U for US)
Contact Type = **EX** (Exceptions)
Company Name = XXXX Railway Company
Name = Mary White (optional field)
Title = Senior Manager
Phone = 919-264-5005
Fax = 919-264-5400
Email = mwhite@XXXX.com
Street Address 1: = 400 Center Street
Address 2 = Suite 849 (optional field)
Address 3 = (optional field)
Address 4 = (optional field)
City = Montreal
State/Province = PQ
Country Code = CA
Zip/Postal Code = H3B 0N4

Record Format = 6
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date = 0801
Invoice Number = 123456
Price Master Currency Indicator = C (C for Canadian or U for US)
Contact Type = **IP** (Billing/Invoicing Party)
Company Name = XXXX Railway Company
Name = (optional field)
Title = AAR Manager
Phone = 919-651-5000
Fax = 919-651-5400 (optional field)
Email = XXXXaccounting@XXXX.com
Street Address 1: = 123 Main Street
Address 2 = Suite 200 (optional field)
Address 3 = (optional field)
Address 4 = (optional field)
City = Montreal
State/Province = PQ
Country Code = CA
Zip/Postal Code = H3B 4M4

Important Note:	See the Record Format 6 (Appendix G) for the Required and Optional fields to report. ***Required fields must be reported***.

G.2.3 Record Format 8

Clarification on Data Exchange Record Format 8—Invoice Subtotal/Total Format

The Record Format 8 (Billing/Invoicing Party total) will be reported as the total invoice amount. In addition, the format will be used to report sub totals on the invoice by Detail Source (group billing, rebuttal, defect card, etc.).

Record Format 8 with Detail Source "ZZ" is for the summary of the invoice total only as per AAR Office Manual Rule 112. It represents the invoice total charge including any discounts, taxes, etc. This is the amount presented to the Billed Party for payment to the Billing/Invoicing Party. It must contain the count of the number of Format 1 records, the sum of the labor, and the sum of the material for the invoice. The Tax Payer ID field must be filled in along with the invoice date. The Format 8 Detail Source ZZ record is the combined total of the preceding Record Format 8 sub-total records.

One Record Format 8 sub-total record must be created for each Detail Source present in the invoice file. It must contain the count of Format 1 records, the sum of the labor, and the sum of the material for its corresponding detail source records.

Important Note:	There must be a Record Format 8 sub-total record for each corresponding Record Format 1 Detail Source code reported. A corresponding Record Format 8 invoice total record must be created using Detail Source ZZ.

The Tax Payer ID field is required on all "8ZZ" invoice total records and the appropriate Tax Payer ID is required on any Format 8 sub-total record associated with a tax (GST, PST, QST, IVA, HST, state, etc).

Required on invoice total ("ZZ") for US, Canadian and Mexican transactions.

- Federal US Tax Payer ID required for all US submitters.
- Canadian Tax Payer Registration Number required for all Canadian submitters (GT, HT, QT and PT).
- Mexican Tax Payer Id required for all Mexican submitters (IV).

Important Note:	Reference the Record Format 8 (Appendix G) for the Required, Conditionally Required and Optional fields to report. ***Required fields must be reported***.

Data Exchange Record Format 8—Example 1:

Canadian Billing Party XXXX repairs Canadian Car Owner YYYY cars and submits an invoice in with the Account Date 0801, Invoice Number 123456 with 10 BRCs with Detail Source "BR" that total $2000.00. Also included is CBA Detail Source "CB" for $100.00, Multiple Detail Source "GB" totaling $1000.00 and Detail Source "GT" for $900.00 (Detail source GT would only have been included on Canadian registered entity). This billing would also require an "8ZZ" record totaling $4000.00

Record Format 8 for the above example is illustrated below as required fields:

Record Format = 8 (for Detail Source BR)
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date = 0801
Invoice Number = 123456
Price Master Currency Indicator = C
Detail Source = **BR** (Billing Repair Data)
Record Count = 50 (Total number of reported "BR" Record Format 1 detail lines)
Labor Charge = 0000150000
Material Charge = 0000000000050000
Material Sign = D
Invoice Date = 080101
Tax Payer ID = XX-651-5042 (could be left blank except for reporting Detail Source GST, PST, QST, IVA, HST, state, etc)
Railinc Inbound Date Stamp (Railinc use only)
Railinc Outbound Date Stamp (Railinc use only)

Record Format = 8 (for Detail Source CB)
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date = 0801
Invoice Number = 123456
Price Master Currency Indicator = C
Detail Source = **CB** (Counter Billing)
Record Count = 1 (Total number of reported "CB" Record Format 1 detail lines)
Labor Charge = 0000000000
Material Charge = 0000000000010000
Material Sign = D
Invoice Date = 080101
Railinc Inbound Date Stamp (Railinc use only)
Railinc Outbound Date Stamp (Railinc use only)

Record Format = 8 (for Detail Source GB)
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date = 0801
Invoice Number = 123456
Price Master Currency Indicator = C
Detail Source = **GB** (Group Billable)
Record Count = 25 (Total number of reported "GB" Record Format 1 detail lines)
Labor Charge = 0000040000
Material Charge = 0000000000060000
Material Sign = D
Invoice Date = 080101
Railinc Inbound Date Stamp (Railinc use only)
Railinc Outbound Date Stamp (Railinc use only)

Record Format = 8 (for Detail Source GT)
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date = 0801
Invoice Number = 123456
Price Master Currency Indicator = C
Detail Source = **GT** (GST Tax)
Record Count = 1 (Total number of reported "GT" Record Format 1 detail lines)
Labor Charge = 0000000000
Material Charge = 0000000000090000
Material Sign = D
Invoice Date = 080101
Tax Payer ID = XX-651-5042 (Required for Detail Source GST, PST, QST, IVA, HST, state, etc)
Railinc Inbound Date Stamp (input by Railinc)
Railinc Outbound Date Stamp (input by Railinc)

Record Format = 8 (This is the grand total of the Record Format 8's above.)
Billing/Invoicing Party = XXXX
Billed Party = YYYY
Account Date = 0801
Invoice Number = 123456
Price Master Currency Indicator = C
Detail Source = **ZZ**
Record Count = 77 (Total number of reported Format 1 records: BR
50 + CB=1 + GB=25 + GT=1) =
Labor Charge = 0000190000
Material Charge = 0000000000210000
Material Sign = D
Invoice Date = 080101
Tax Payer ID = XX-651-5042 (Required for Detail Source ZZ)
Railinc Inbound Date Stamp (Input by Railinc)
Railinc Outbound Date Stamp (Input by Railinc)

G.2.4 Record Format 9

Clarification on Data Exchange Record Format 9 Input (To Railinc)—Control

One Record Format 9 (Input) must be created by Data Exchange submitters and transmitted to Railinc with the information listed below. The Record Format 9 must contain the count of Format 1 records, the sum of the labor, and the sum of the material for the data records submitted. There must be only one Format 9 record in the file and it must be the last record in the file. Railinc uses this record for validation purposes.

Record Format = 9
Billing/Invoicing party = XXXX
Filler = ZZZZ
Account Date = 0802
Filler = ZZZZZZZZZZZZZZZ
Filler = Z
Filler = ZZ
Record Count = 0000123
Labor Charge = 0000005000
Material Charge = 0000000045000000
Material Sign = D

Important Note: Reference the Record Format 9 (Appendix G) for the Required, Conditionally Required and Optional fields to report. ***Required fields must be reported*.**

Clarification on Data Exchange Record Format 9 Output (From Railinc)—Control

One Record Format 9 (Output) must be created by Railinc and transmitted to Data Exchange recipients with the information listed below. The Record Format 9 contains the count of Format 1 records, the sum of the labor, and the sum of the material for the data records transmitted. Railinc will create one Format 9 record to be transmitted to each Data Exchange recipient for validation purposes.

Record Format = 9
Filler = ZZZZ
Billed Party = YYYY
Account Date = 0802
Filler = ZZZZZZZZZZZZZZZ
Filler = Z
Filler = ZZ
Record Count = 0000123
Labor Charge = 0000005000
Material Charge = 0000000045000000
Material Sign = D

G.3 Mandatory Record Format Order For Data Submission

Important Note: A submitted Data Exchange file will be rejected if the following order is not followed:

- All Format 1 records for each Detail Source must be grouped together.
- One Format 8 record must exist for each detail source, following the corresponding Format 1 records.
- One Format 6 record for contact type BP per invoice.
- One Format 8 ZZ record must contain the invoice total, following all other records for that invoice.
- One Format 9 ZZ record must contain the total of all invoices in the file. This record must be the last entry in the file (for companies submitting multiple files, please contact csc@railinc.com for more information).

Sample File Format Order—NOTE: This example shows BR and GB detail sources, but any valid detail source records may be used.
1 GB (Detail Source GB detail record)
1 GB (Detail Source GB detail record)
8 GB (Detail Source GB sub-total record)
1 BR (Detail Source BR detail record)
1 BR (Detail Source BR detail record)
8 BR (Detail Source BR sub-total record)
6 BP (Billed Party information record)
8 ZZ (Invoice #1 Total record)
1 GB (Detail Source GB detail record)
1 GB (Detail Source GB detail record)
8 GB (Detail Source GB sub-total record)
6 BP (Billed Party information record)
8 ZZ (Invoice #2 Total record)
9 ZZ (File Total record)

Sample File Format Order—NOTE: This example shows BR and GB detail sources, but any valid detail source records may be used.
1 GB (Detail Source GB detail record)
1 GB (Detail Source GB detail record)
8 GB (Detail Source GB sub-total record)
1 BR (Detail Source BR detail record)
1 BR (Detail Source BR detail record)
8 BR (Detail Source BR sub-total record)
6 IQ (Inquiry Contact information record)
6 RT (Inquiry Remit To information record)
6 EX (Exceptions information record)
6 IP (Billing/Invoicing Party information record)
6 BP (Billed Party information record)
8 ZZ (Invoice #1 Total record)
1 GB (Detail Source GB detail record)

1 GB (Detail Source GB detail record)
8 GB (Detail Source GB sub-total record)
6 IQ (Inquiry Contact information record)
6 RT (Inquiry Remit To information record)
6 EX (Exceptions information record)
6 IP (Billing/Invoicing Party information record)
6 BP (Billed Party information record)
8 ZZ (Invoice #2 Total record)
9 ZZ (File Total record)

Appendix H AAR Billing Repair Data (BRC)

How to submit AAR billing repair data via the AAR/Railinc Data Exchange system

Listed below are guidelines for submitting detailed AAR billing repair data.

Detail AAR Billing Repair Data Records

When submitting (Detail Source "BR") AAR billing repair data records to Data Exchange the following fields must be filled in as required based on the repairs performed.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source
- Car Initial
- Car Number
- Kind of Car Symbol
- Load/Empty Indicator
- Repair Date (YYMMDD)
- SPLC
- Repairing Party
- Repairing Party Invoice Number
- Repair Facility Type
- Location on Car
- Quantity
- Condition Code
- Applied Job Code
- Applied Qualifier
- Why Made Code
- Removed Job Code
- Removed Qualifier
- Responsibility Code
- Labor Charge
- Material Charge
- Material Sign
- Machine Priceable Indicator set to "Y" if the AAR price master was used to edit/price record, otherwise set to "N"
- Wrong Repair Indicator
- Narrative & Wheel Information set to some meaningful description as defined in C.3
- Labor Rate
- Expanded SPLC
- Line Number
- Resubmitted Invoice Number
- Original Invoice
- AAR Component ID (CID)
- Original Account Date

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the repairing party's initial
Billed Party must be filled in with the billed party's initial
Account Date must be filled in with the repairing party's account date (year/month format)
Invoice Number must be filled in with the repairing party's invoice number
Detail Source must always be set to "BR" for AAR billing repair data billing
Document Reference Number is conditional. Only required for Detail Source "CB". Required for CBA number. It could be used to hold a file number or some information that would help the Billing or Billed Party.
Repairing Party must be set to the repairing party's initial
Repairing Party Invoice Number must be set to the repairing party's invoice number
Repairing Party Document Reference Number, if present, must be set to the repairing party's document reference number

Example: Railroad XXXX repairs car owner YYYY's railcar during railroad XXXX's January 2014 account month. Railroad XXXX submits the repair records to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date = "1401"
Invoice Number = "12345"
Detail Source = "BR" (Billing repair data)
Document Reference Number = spaces (not filled in)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces (not filled in)

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

	Billing Repair Data Example					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX	XXXX
	Billed Party	6	4	A/N	YYYY	YYYY
	Account Date (YYMM)	10	4	N	1401	1401
	Invoice Number	14	16	A/N	12345	12345
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	BR	BR
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	YYYY	YYYY
	Car Number	52	6	N	123456	123456
	Kind of Car Symbol	58	1	A	F	F
	Load/Empty Indicator	59	1	A/N	E	E
	Repair Date (YYMMDD)	60	6	N	140101	140101
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	XXXX	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345	12345
	Repairing Party Document Reference Number	92	15	A/N		
	Repair Facility Type	107	2	A/N	RT	RT

	Billing Repair Data Example					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
Repair Detail	Location on Car	109	2	A/N	A	L3
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	0001	0001
	Condition Code	117	1	A/N	1	7
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	4458	3071
	Applied Qualifier	124	3	A/N		02
	Why Made Code	127	2	A/N	09	64
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	4458	3071
	Removed Qualifier	135	3	A/N		01
	Responsibility Code	138	1	A/N	1	1
	Defect Card/JIC Party	139	4	A/N		
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000	000000
	Labor Charge	149	7	N	0009192	0000000
	Material Charge	156	8	N	00000015	00000000
	Material Sign	164	1	A	D	D
	Machine Priceable Indicator	165	1	A	Y	Y
	Wrong Repair Indicator	166	1	A	N	N

	Billing Repair Data Example					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR, JACK CAR	WHEEL 36" 1W HT-CP
	Applied Wheel Date (MMYY)	195	4	N		1213
	Applied Wheel Manufacture Code	199	2	A/N		GT
	Applied Wheel Class Code	201	1	A/N		C
	Applied Side Reading	202	2	N		28
	Applied Finger Reading	204	2	N		00
	Removed Wheel Date (MMYY)	206	4	N		0198
	Removed Wheel Manufacture Code	210	2	A/N		GT
	Removed Wheel Class Code	212	1	A/N		C
	Removed Side Reading	213	2	A/N		27
	Removed Finger Reading	215	2	A/N		05
	Labor Rate	217	5	N	11088	11088
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N		
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		
	Original Invoice Number	307	16	N		
	Original Account Date (YYMM)	323	4	N		
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

Appendix I AAR Group Billable Repairs

How to submit AAR group billable repairs via the AAR/Railinc Data Exchange system

Listed below are guidelines for submitting detailed AAR group billable repairs. Refer to AAR Office Manual Rule 112.

Detail AAR Group Billable Records

When submitting detail group billable records (Detail Source “GB”) to Data Exchange the following fields must be filled in as required based on the repairs performed.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source
- Car Initial
- Car Number
- Repair Date (YYMMDD)
- SPLC
- Repair Facility Type
- Repairing Party
- Repairing Party Invoice Number
- Quantity
- Condition Code
- Applied Job Code
- Why Made Code
- Removed Job Code
- Responsibility Code
- Labor Charge
- Material Charge
- Material Sign
- Machine Priceable Indicator always set to “Y” (group billing must always use the AAR price master)
- Wrong Repair Indicator
- Narrative Information set to some meaningful description as defined in C.3
- Labor Rate
- Expanded SPLC
- Line Number
- Resubmitted Invoice Number
- Original Invoice Date
- Original Account Date

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the repairing party’s initial
Billed Party must be filled in with the billed party’s initial
Account Date must be filled in with the repairing party’s account date (year/month format)
Invoice Number must be filled in with the repairing party's invoice number
Detail Source must always be set to "GB" for AAR group billing
Document Reference Number is conditional. Only required for Detail Source “CB”. Required for CBA number. It could be used to hold a file number or some information that would help the Billing or Billed Party.
Repairing Party must be set to the repairing party’s initial
Repairing Party Invoice Number must be set to the repairing party’s invoice number
Repairing Party Document Reference Number, if present, must be set to the repairing party’s document reference number

Example: Railroad XXXX repairs car owner YYYY's railcar during railroad XXXX's January 2014 account month. Railroad XXXX submits the repair records to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date = "1401"
Invoice Number = "12345"
Detail Source = "GB" (Group Billable)
Document Reference Number = spaces (not filled in)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces (not filled in)

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

	AAR Group Billable Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**Original Detail Record**
	Record Format	1	1	A/N	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX
	Billed Party	6	4	A/N	YYYY
	Account Date (YYMM)	10	4	N	1401
	Invoice Number	14	16	A/N	12345
	Price Master File Indicator	30	1	A/N	U
Repair Header	Detail Source	31	2	A/N	GB
	Document Reference Number	33	15	A/N	
	Car Initial	48	4	A	YYYY
	Car Number	52	6	N	123456
	Kind of Car Symbol	58	1	A	
	Load/Empty Indicator	59	1	A/N	
	Repair Date (YYMMDD)	60	6	N	140101
	SPLC	66	6	N	380000
	Repairing Party	72	4	A/N	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345
	Repairing Party Document Reference Number	92	15	A/N	
	Repair Facility Type	107	2	A/N	ET

AAR Group Billable Example					
*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Detail Record**
Repair Detail	Location on Car	109	2	A/N	
	Reserved for future CRB use	111	1	A/N	
	Reserved for future CRB use	112	1	N	0
	Quantity	113	4	N	0006
	Condition Code	117	1	A/N	1
	Reserved for future CRB use	118	2	N	00
	Applied Job Code	120	4	N	1838
	Applied Qualifier	124	3	A/N	
	Why Made Code	127	2	A/N	01
	Reserved for future CRB use	129	2	N	00
	Removed Job Code	131	4	N	1838
	Removed Qualifier	135	3	A/N	
	Responsibility Code	138	1	A/N	1
	Defect Card/JIC Party	139	4	A/N	
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000
	Labor Charge	149	7	N	0008316
	Material Charge	156	8	N	00003588
	Material Sign	164	1	A	D
	Machine Priceable Indicator	165	1	A	Y
	Wrong Repair Indicator	166	1	A	N
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	BRAKE SHOE-COMP. HI-FRCT 1-1/2
	Applied Wheel Date (MMYY)	195	4	N	
	Applied Wheel Manufacture Code	199	2	A/N	
	Applied Wheel Class Code	201	1	A/N	
	Applied Side Reading	202	2	N	
	Applied Finger Reading	204	2	N	
	Removed Wheel Date (MMYY)	206	4	N	
	Removed Wheel Manufacture Code	210	2	A/N	
	Removed Wheel Class Code	212	1	A/N	
	Removed Side Reading	213	2	A/N	
	Removed Finger Reading	215	2	A/N	

AAR Group Billable Example				
*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
Field Name	**Column**	**Length**	**Format****	**Original Detail Record**
Labor Rate	217	5	N	11088
Expanded SPLC	222	9	N	
CIF Repairing Party	231	13	A/N	
CIF Billing/Invoicing Party	244	13	A/N	
CIF Billed Party	257	13	A/N	
CIF Defect/JIC Party	270	13	A/N	
Reserved for future CRB use	283	6	A/N	
Line Number	289	5	N	
Railinc Inbound Date Stamp (YYMMDD)	294	6	N	
Railinc Outbound Date Stamp (YYMMDD)	300	6	N	
Resubmitted Invoice Indicator	306	1	A/N	
Original Invoice Number	307	16	N	
Original Account Date (YYMM)	323	4	N	
AAR Component ID (CID)	327	14	A/N	
DDCT Incident ID (XXXX99999999)	341	12	A/N	
Reserved for future CRB use	353	48	A/N	
Free User Area	401	100	A/N	

Appendix J Defect Card and Defect Card Rebuttal Records

How to submit defect card billing via the AAR/Railinc Data Exchange system

For defect card billing there are three detail source codes that can be submitted through the AAR/Railinc Data Exchange system. The first, "DC" (Defect Card), is the original repairing party submitting the repair records to the Billed Party. The second, "DR" (Defect Card Rebuttal Billing), is the Billed Party rebuttal billing the defect road for the repairs. The third, "JD" (Joint Inspection/Defect Card Billing-Retired/Dismantled Unit), is **only to be used when** a car owner elects to retire/dismantle a damaged car instead of making repairs (per Office Manual Rule 102.D.9). "JD" billing should be submitted per Appendix W.

Important Note:	Detail Source 'DC' must always be used when reporting an initial Data Exchange submission by an intermediate repairing party to the car owner or an initial data exchange submission by the car owner to the issuing party.

Important Note:	Detail Source "JD" (Joint Inspection/Defect Card Billing for Retired/Dismantled Unit), is **only to be used when** a car owner elects to retire/dismantle a damaged car instead of making repairs (per Office Manual Rule 102.D.9). This billing must be submitted per Appendix W.

Listed below are some guidelines for submitting detailed defect card billing.

J.1 Detail Defect Card Original Records

When submitting ***detail*** defect card ***original*** records to Data Exchange the following fields must be filled in as required based on the repairs performed.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source
- Car Initial
- Car Number
- Kind of Car Symbol
- Load/Empty Indicator
- Repair Date (YYMMDD)
- SPLC
- Repair Facility Type
- Repairing Party
- Repairing Party Invoice Number
- Location on Car
- Quantity
- Condition Code
- Applied Job Code
- Applied Qualifier
- Why Made Code
- Removed Job Code
- Removed Qualifier
- Responsibility Code
- Defect Card/JIC Party
- Defect Card/JIC Date
- Labor Charge
- Material Charge
- Material Sign
- Machine Priceable Indicator
- Wrong Repair Indicator
- Narrative & Wheel Information set to some meaningful description as defined in C.3
- Labor Rate
- Expanded SPLC
- AAR Component ID (CID)
- Line Number

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the repairing party's initial
Billed Party must be filled in with the billed party's initial
Account Date must be filled in with the repairing party's account date (year/month format)
Invoice Number must be filled in with the repairing party's invoice number
Detail Source must always be set to "DC" for defect card
Document Reference Number is conditional. Only required for Detail Source "CB". Required for CBA number. It could be used to hold a file number or some information that would help the Billing or Billed Party.
Repairing Party must be set to the repairing party's initial
Repairing Party Invoice Number must be set to the repairing party's invoice number
Repairing Party Document Reference Number, if present, must be set to the repairing party's document reference number

Example: (Original Record) Railroad XXXX repairs Car Mark owner YYYY's railcar on December 20, 2013, under the authority of defect card dated December 1, 2013 from railroad ZZZZ. Car Mark owner YYYY submits the repair record during railroad XXXX's January 2014 account month. Railroad XXXX submits the repair records to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date = "1401"
Invoice Number = "12345"
Detail Source = "DC" (Defect Card)
Document Reference Number = spaces (not filled in)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces (not filled in)
Defect Card/JIC Party = "ZZZZ"
Defect Card/JIC Date = "131201"

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

J.2 Detail Defect Card Rebuttal Records

When submitting ***detail*** defect card ***rebuttal*** records to Data Exchange the following fields must be filled in with the same values as received from the original repairing party.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source
- Car Initial
- Car Number
- Kind of Car Symbol
- Load/Empty Indicator
- Repair Date (YYMMDD)
- SPLC
- Repair Facility Type
- Repairing Party
- Repairing Party Invoice Number
- Location on Car
- Quantity
- Condition Code
- Applied Job Code
- Applied Qualifier
- Why Made Code
- Removed Job Code
- Removed Qualifier
- Responsibility Code
- Defect Card/JIC Party
- Defect Card/JIC Date (YYMMDD)
- Labor Charge
- Material Charge
- Material Sign
- Machine Priceable Indicator
- Wrong Repair Indicator
- Narrative & Wheel Information set to some meaningful description as defined in C.3
- Labor Rate
- Expanded SPLC
- Line Number
- Resubmitted Invoice Number
- Original Invoice Date
- AAR Component ID (CID)
- Original Account Date

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the billing party's initial
Billed Party must be filled in with the billed party's initial
Account Date must be filled in with the billing party's account date (year/month format)
Invoice Number must be filled in with the billing party's invoice number
Detail Source must always be set to "DR" for Defect Card rebuttal
Document Reference Number is optional
Repairing Party must be set to the **Billing/Invoicing Party** value used in the original invoice record
Repairing Party Invoice Number must be set to the **Invoice Number** value used in the original invoice record
Repairing Party Document Reference Number must be set to the **Document Reference Number** value, if it was used in the original invoice record.

Example: (Continued from J.1 Original Defect Card example) Car Owner YYYY pays railroad XXXX's invoice and identifies that some of the repairs are covered by a defect card from company ZZZZ. Car Owner YYYY generates detail defect card rebuttal billing records in their next receivable accounting cycle to bill company ZZZZ for the repairs. Car Owner YYYY submits the defect card rebuttal records to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "YYYY"
Billed Party = "ZZZZ"

Account Date = "1402"
Invoice Number = "7777777"
Detail Source = "DR" (Defect Card Rebuttal Billing)
Document Reference Number = spaces
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces (not filled in)
Defect Card/JIC Party = “ZZZZ”
Defect Card/JIC Date = “131201”

The rest of the fields on the Format 1 record are copied from the original Data Exchange record submitted by railroad XXXX.

	Defect Card/JIC and Rebuttal Record Examples					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Detail Record**	**Rebuttal Detail Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX	YYYY
	Billed Party	6	4	A/N	YYYY	ZZZZ
	Account Date (YYMM)	10	4	N	1401	1402
	Invoice Number	14	16	A/N	12345	7777777
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	DC	DR
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	YYYY	YYYY
	Car Number	52	6	N	123456	123456
	Kind of Car Symbol	58	1	A	B	B
	Load/Empty Indicator	59	1	A/N	E	E
	Repair Date (YYMMDD)	60	6	N	131220	131220
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	XXXX	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345	12345
	Repairing Party Document Reference Number	92	15	A/N		
	Repair Facility Type	107	2	A/N	RT	RT

	Defect Card/JIC and Rebuttal Record Examples					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Detail Record**	**Rebuttal Detail Record**
Repair Detail	Location on Car	109	2	A/N	R	R
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	0010	0010
	Condition Code	117	1	A/N	0	0
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	4450	4450
	Applied Qualifier	124	3	A/N	MC	MC
	Why Made Code	127	2	A/N	05	05
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	4450	4450
	Removed Qualifier	135	3	A/N	MC	MC
	Responsibility Code	138	1	A/N	3	3
	Defect Card/JIC Party	139	4	A/N	ZZZZ	ZZZZ
	Defect Card/JIC Date (YYMMDD)	143	6	N	131201	131201
	Labor Charge	149	7	N	00011074	00011074
	Material Charge	156	8	N	00000000	00000000
	Material Sign	164	1	A	D	D
	Machine Priceable Indicator	165	1	A	Y	Y
	Wrong Repair Indicator	166	1	A	N	N

	Defect Card/JIC and Rebuttal Record Examples					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Detail Record**	**Rebuttal Detail Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR FREIGHT CAR	LABOR FREIGHT CAR
	Applied Wheel Date (MMYY)	195	4	N		
	Applied Wheel Manufacture Code	199	2	A/N		
	Applied Wheel Class Code	201	1	A/N		
	Applied Side Reading	202	2	N		
	Applied Finger Reading	204	2	N		
	Removed Wheel Date (MMYY)	206	4	N		
	Removed Wheel Manufacture Code	210	2	A/N		
	Removed Wheel Class Code	212	1	A/N		
	Removed Side Reading	213	2	A/N		
	Removed Finger Reading	215	2	A/N		
	Labor Rate	217	5	N	11074	11074
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N	00001	00001
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		
	Original Invoice Number	307	16	A/N		
	Original Account Date (YYMM)	323	4	N		
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

Appendix K Joint Inspection Certificate

How to submit joint inspection certificate (JIC) billing via the AAR/Railinc Data Exchange system

For JIC billing there are three detail source codes that can be submitted through the AAR/Railinc Data Exchange system. The first, "JI" (JIC), is the original repairing party submitting the repair records to the Billed Party. The second, "JR" (JIC Rebuttal Billing), is the Billed Party rebuttal billing the JIC road for the repairs. The third, "JD" (Joint Inspection/Defect Card Billing-Retired/Dismantled Unit), is **only to be used when** a car owner elects to retire/dismantle a damaged car instead of making repairs (per Office Manual Rule 102.D.9). "JD" billing should be submitted per Appendix W.

Important Note:	Detail Source 'JI' must always be used when reporting an initial Data Exchange submission by an intermediate repairing party to the car owner or an initial data exchange submission by the car owner to the issuing party.

Important Note:	Detail Source "JD" (Joint Inspection/Defect Card Billing for Retired/Dismantled Unit), is **only to be used when** a car owner elects to retire/dismantle a damaged car instead of making repairs (per Office Manual Rule 102.D.9). This billing must be submitted per Appendix W.

Listed below are guidelines for submitting detailed JIC billing.

K.1 Detail JIC Original Records

When submitting ***detail*** JIC ***original*** records to Data Exchange the following fields must be filled in as required based on the repairs performed.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source
- Car Initial
- Car Number
- Kind of Car Symbol
- Load/Empty Indicator
- Repair Date (YYMMDD)
- SPLC
- Repair Facility Type
- Repairing Party
- Repairing Party Invoice Number
- Location on Car
- Quantity
- Condition Code
- Applied Job Code
- Applied Qualifier
- Why Made Code
- Removed Job Code
- Removed Qualifier
- Responsibility Code
- Defect Card/JIC Party
- Defect Card/JIC Date
- Labor Charge
- Material Charge
- Material Sign
- Machine Priceable Indicator
- Wrong Repair Indicator
- Narrative & Wheel Information set to some meaningful description as defined in C.3
- Labor Rate
- Expanded SPLC
- AAR Component ID (CID)
- Line Number

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the repairing party's initial
Billed Party must be filled in with the billed party's initial
Account Date must be filled in with the repairing party's account date (year/month format)
Invoice Number must be filled in with the repairing party's invoice number
Detail Source must always be set to "JI" for JIC
Document Reference Number is conditional. Only required for Detail Source "CB". Required for CBA number. It could be used to hold a file number or some information that would help the Billing or Billed Party.
Repairing Party must be set to the repairing party's initial
Repairing Party Invoice Number must be set to the repairing party's invoice number
Repairing Party Document Reference Number, if present, must be set to the repairing party's document reference number

Example: Railroad XXXX repairs car mark owner YYYY's railcar during railroad XXXX's January 2014 account month under the authority of an endorsed JIC from railroad ZZZZ dated December 20, 2013. Railroad XXXX submits the repair records to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date = "1401"
Invoice Number = "12345"
Detail Source = "JI" (JIC)
Document Reference Number = spaces (not filled in)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces (not filled in)
Defect Card/JIC Party = "ZZZZ"
Defect Card/JIC Date = "131220"

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

K.2 Detail JIC Rebuttal Records

When submitting ***detail*** JIC ***rebuttal*** records to Data Exchange the following fields must be filled in with the same values as received from the original repairing party.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source
- Car Initial
- Material Charge
- Car Number
- Kind of Car Symbol
- Load/Empty Indicator
- Repair Date (YYMMDD)
- SPLC
- Repair Facility Type
- Repairing Party
- Repairing Party Invoice Number
- Location on Car

- Quantity
- Condition Code
- Applied Job Code
- Applied Qualifier
- Why Made Code
- Removed Job Code
- Removed Qualifier
- Responsibility Code
- Defect Card/JIC Party
- Defect Card/JIC Date
- Labor Charge
- Material Sign
- Machine Priceable Indicator
- Wrong Repair Indicator
- Narrative & Wheel Information set to some meaningful description as defined in C.3
- Labor Rate
- Expanded SPLC
- Line Number
- Resubmitted Invoice Number
- Original Invoice Date
- AAR Component ID (CID)
- Original Account Date

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the billing party's initial
Billed Party must be filled in with the billed party's initial
Account Date must be filled in with the billing party's account date (year/month format)
Invoice Number must be filled in with the billing party's invoice number
Detail Source must always be set to "JR" for JIC rebuttal
Document Reference Number is optional.
Repairing Party must be set to the **Billing/Invoicing Party** value used in the original invoice record
Repairing Party Invoice Number must be set to the **Invoice Number** value used in the original invoice record
Repairing Party Document Reference Number must be set to the **Document Reference Number** value, if it was used in the original invoice record.

Example: (Continued from K.1 Original JIC example) Car Mark Owner YYYY pays Repairing Party XXXX's invoice and identifies that some of the repairs are covered by a JIC from company ZZZZ. Car Mark Owner YYYY generates detail JIC rebuttal billing records in their next receivable accounting cycle to bill company ZZZZ for the repairs. Car Mark Owner YYYY submits the JIC rebuttal records to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "YYYY"
Billed Party = "ZZZZ"
Account Date = "1402"
Invoice Number = "7777777"
Detail Source = "JR" (JIC Rebuttal)
Document Reference Number = spaces (not filled in)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces (not filled in)
Defect Card/JIC Party = “ZZZZ”
Defect Card/JIC Date = “131220”

The rest of the fields on the Format 1 record are copied from the original Data Exchange record submitted by Repairing Party XXXX.

	Joint Inspection Certificate (JIC) Examples					
	Field Name	**Column**	**Length**	**Format****	**Original Detail Record**	**Rebuttal Detail Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX	YYYY
	Billed Party	6	4	A/N	YYYY	ZZZZ
	Account Date (YYMM)	10	4	N	1401	1402
	Invoice Number	14	16	A/N	12345	7777777
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	JI	JR
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	YYYY	YYYY
	Car Number	52	6	N	654321	654321
	Kind of Car Symbol	58	1	A	B	B
	Load/Empty Indicator	59	1	A/N	E	E
	Repair Date (YYMMDD)	60	6	N	131230	131230
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	XXXX	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345	12345
	Repairing Party Document Reference Number	92	15	A/N		
	Repair Facility Type	107	2	A/N	RT	RT

	Joint Inspection Certificate (JIC) Examples (cont'd)					
	Field Name	**Column**	**Length**	**Format****	**Original Detail Record**	**Rebuttal Detail Record**
Repair Detail	Location on Car	109	2	A/N	R	R
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	0010	0010
	Condition Code	117	1	A/N	0	0
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	4450	4450
	Applied Qualifier	124	3	A/N	MC	MC
	Why Made Code	127	2	A/N	05	05
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	4450	4450
	Removed Qualifier	135	3	A/N	MC	MC
	Responsibility Code	138	1	A/N	3	3
	Defect Card/JIC Party	139	4	A/N	ZZZZ	ZZZZ
	Defect Card/JIC Date (YYMMDD)	143	6	N	131220	131220
	Labor Charge	149	7	N	00011074	00011074
	Material Charge	156	8	N	00000000	00000000
	Material Sign	164	1	A	D	D
	Machine Priceable Indicator	165	1	A	Y	Y
	Wrong Repair Indicator	166	1	A	N	N

	Joint Inspection Certificate (JIC) Examples (cont'd)				
	Field Name	**Column**	**Length**	**Format****	**Original Detail Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR FREIGHTCAR
	Applied Wheel Date (MMYY)	195	4	N	
	Applied Wheel Manufacture Code	199	2	A/N	
	Applied Wheel Class Code	201	1	A/N	
	Applied Side Reading	202	2	N	
	Applied Finger Reading	204	2	N	
	Removed Wheel Date (MMYY)	206	4	N	
	Removed Wheel Manufacture Code	210	2	A/N	
	Removed Wheel Class Code	212	1	A/N	
	Removed Side Reading	213	2	A/N	
	Removed Finger Reading	215	2	A/N	
	Labor Rate	217	5	N	11074
	Expanded SPLC	222	9	N	
	CIF Repairing Party	231	13	A/N	
	CIF Billing/Invoicing Party	244	13	A/N	
	CIF Billed Party	257	13	A/N	
	CIF Defect/JIC Party	270	13	A/N	
	Reserved for future CRB use	283	6	A/N	
	Line Number	289	5	N	00001
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N	
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N	
	Resubmitted Invoice Indicator	306	1	A/N	
	Original Invoice Number	307	16	A/N	
	Original Account Date (YYMM)	323	4	N	
	AAR Component ID (CID)	327	14	A/N	
	DDCT Incident ID (XXXX99999999)	341	12	A/N	
	Reserved for future CRB use	353	48		
	Free User Area	401	100	A/N	

Appendix L Lease Rebuttal Records

How to submit lessor/lessee rebuttal billing via the AAR/Railinc Data Exchange system

Listed below are guidelines for submitting detailed lease rebuttal billing.

L.1 Detail Lease Rebuttal Records

When submitting ***detail*** lease rebuttal records (Detail Source "RE") to Data Exchange the following fields must be filled in with the same values as received from the original repairing party.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source
- Car Initial
- Car Number
- Kind of Car Symbol
- Load/Empty Indicator
- Repair Date (YYMMDD)
- SPLC
- Repair Facility Type
- Repairing Party
- Repairing Party Invoice Number
- Location on Car
- Quantity
- Condition Code
- Applied Job Code
- Applied Qualifier
- Why Made Code
- Removed Job Code
- Removed Qualifier
- Responsibility Code
- Labor Charge
- Material Charge
- Material Sign
- Machine Priceable Indicator
- Wrong Repair Indicator
- Narrative & Wheel Information set to some meaningful description as defined in C.3
- Labor Rate
- Expanded SPLC
- Line Number
- Resubmitted Invoice Number
- Original Invoice Date
- AAR Component ID (CID)
- Original Account Date

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the lessor/lessee's initial
Billed Party must be filled in with the lessee/lessor's initial
Account Date must be filled in with the lessor/lessee's account date (year/month format)
Invoice Number must be filled in with the lessor/lessee's invoice number
Detail Source must always be set to "RE" for rebuttal billing
Document Reference Number is conditional. Only required for Detail Source "CB". Required for CBA number. It could be used to hold the lessor/lessee's lease number or any meaningful value to the lessor or lessee.

If ***any*** of the following fields contain a non-blank value, all fields must be filled in with the same values as submitted by the original repairing party:

- Repairing Party
- Repairing Party Invoice Number
- Repairing Party Document Reference Number

If ***all*** of the following fields are blank, they must be filled in as indicated below:

Repairing Party must be set to the Billing/Invoicing Party value
Repairing Party Invoice Number must be set to the Invoice Number value
Repairing Party Document Reference Number must be set to the Document Reference Number value

Note: The original billing passes through Data Exchange as a typical BR record.

Example: (Original Record) Railroad XXXX repairs Mark Owner YYYY's railcar during railroad XXXX's January 2014 account month. Railroad XXXX submits the repair records to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date = "1401"
Invoice Number = "12345"
Detail Source = "BR" (for billing repair data)
Document Reference Number = spaces (not filled in)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"

The rest of the fields on the Format 1 record are filled in based on the repairs performed

Note: Now the rebuttal record is created based on the original BR record.

Example: (Rebuttal Record) Mark Owner YYYY (lessee) invoices car owner ZZZZ as per lease agreement. Mark Owner YYYY (lessee) submits the lease rebuttal records to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "YYYY"
Billed Party = "ZZZZ"
Account Date = "1402"
Invoice Number = "7777777"
Detail Source = "RE" (Rebuttal Billing)
Document Reference Number = spaces
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"

The rest of the fields on the Format 1 record are copied from the original Data Exchange record submitted by railroad XXXX.

	Lease Rebuttal Example					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Record**	**Rebuttal Detail Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX	YYYY
	Billed Party	6	4	A/N	YYYY	ZZZZ
	Account Date (YYMM)	10	4	N	1401	1402
	Invoice Number	14	16	A/N	12345	7777777
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	BR	RE
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	YYYY	YYYY
	Car Number	52	6	N	123456	123456
	Kind of Car Symbol	58	1	A	F	F
	Load/Empty Indicator	59	1	A/N	E	E
	Repair Date (YYMMDD)	60	6	N	140120	140120
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	XXXX	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345	12345
	Repairing Party Document Reference Number	92	15	A/N		
	Repair Facility Type	107	2	A/N	RT	RT

	Lease Rebuttal Example					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Record**	**Rebuttal Detail Record**
Repair Detail	Location on Car	109	2	A/N	R	R
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	0010	0010
	Condition Code	117	1	A/N	0	0
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	4450	4450
	Applied Qualifier	124	3	A/N	MC	MC
	Why Made Code	127	2	A/N	05	05
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	4450	4450
	Removed Qualifier	135	3	A/N	MC	MC
	Responsibility Code	138	1	A/N	1	1
	Defect Card/JIC Party	139	4	A/N		
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000	000000
	Labor Charge	149	7	N	0011088	0011088
	Material Charge	156	8	N	00000000	00000000
	Material Sign	164	1	A	D	D
	Machine Priceable Indicator	165	1	A	Y	Y
	Wrong Repair Indicator	166	1	A	N	N

	Lease Rebuttal Example					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Record**	**Rebuttal Detail Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR FREIGHT CAR	LABOR FREIGHT CAR
	Applied Wheel Date (MMYY)	195	4	N		
	Applied Wheel Manufacture Code	199	2	A/N		
	Applied Wheel Class Code	201	1	A/N		
	Applied Side Reading	202	2	N		
	Applied Finger Reading	204	2	N		
	Removed Wheel Date (MMYY)	206	4	N		
	Removed Wheel Manufacture Code	210	2	A/N		
	Removed Wheel Class Code	212	1	A/N		
	Removed Side Reading	213	2	A/N		
	Removed Finger Reading	215	2	A/N		
	Labor Rate	217	5	N	11088	11088
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N	00001	00001
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		
	Original Invoice Number	307	16	A/N		
	Original Account Date (YYMM)	323	4	N		
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

Appendix M Counter Billing Authority (CBA)

How to submit Counter Billing Authority (CBA) billing via the AAR/Railinc Data Exchange system

Listed below are guidelines for submitting summary records for Counter Billing Authority.

M.1 Counter Billing Authority (CBA) Records

When submitting Counter Billing Authority (CBA) records to Data Exchange (Detail Source "CB") the following fields must be filled in. ***One summary record format 8 per invoice (detail source CB) must be submitted per CBA.***

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date
- Invoice Number (YYMM)
- Price Master Currency Indicator set to the appropriate funds being billed
- Detail Source set to "CB"
- Document Reference Number set to "CBA20140101XXXX"
- Car Initial set to spaces
- Car Number set to zeros
- Kind of Car Symbol set to spaces
- Load/Empty Indicator set to spaces
- Repair Date (YYMMDD) set to the CBA date
- SPLC
- Repairing Party set to the CBA issuing party's initial
- Repairing Party Invoice Number set to the CBA issuing party's original invoice number (if unknown use CBA number). In the case of an MID CBA, use the following guideline in the order listed:
  1) Use the MID CBA number. (Note: If greater than 16-bytes, then enter the first 16-bytes.)
  2) Use the invoice number if no MID CBA number was furnished.
  3) Use the file number if no MID CBA number or invoice number was furnished.
  4) Use a default: "MID CBA mmddyy" if none of above was furnished in the order listed.
- Repair Facility Type set to spaces
- Location on Car set to spaces
- Quantity set to zeros
- Condition Code set to spaces
- Applied Job Code set to zeros
- Applied Qualifier set to spaces
- Why Made Code set to spaces
- Removed Job Code set to zeros
- Removed Qualifier set to spaces
- Responsibility Code set to spaces
- Defect Card/JIC Party set to spaces
- Defect Card/JIC Date (YYMMDD) set to zeros
- Labor Charge set zeros
- Material Charge set to dollar amount in the CBA letter
- Material Sign set to "D" (debit)
- Machine Priceable Indicator set to "N" (summary records are not machine priced)
- Wrong Repair Indicator set to "N"
- Narrative & Wheel Information set to "CBA" or other meaningful description as defined in C.3
- Labor Rate set to zeros
- Expanded SPLC
- Line Number
- Resubmitted Invoice Number
- Original Invoice Date
- Original Account Date

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the billing party's initial
Billed Party must be filled in with the CBA issuing party's initial
Account Date must be filled in with the billing party's account date (year/month format)
Invoice Number must be filled in with the billing party's invoice number
Detail Source must always be set to "CB"
Document Reference Number must contain the CBA number
Repairing Party set to the CBA issuing party's initial
Repairing Party Invoice Number set to the CBA issuing party's original invoice number (if unknown use CBA number). In the case of an MID CBA, use the following guideline in the order listed:

1) Use the MID CBA number. (Note: If greater than 16-bytes, then enter the first 16-bytes.)
2) Use the invoice number if no MID CBA number was furnished.
3) Use the file number if no MID CBA number or invoice number was furnished.
4) Use a default: "MID CBA mmddyy" if none of above was furnished in the order listed.

Repairing Party Document Reference Number set to spaces

Example: On January 1, 2014 railroad YYYY authorizes car owner XXXX to bill them for incorrect repairs identified by car owner XXXX during their audit. Railroad YYYY sends a Counter Billing Authorization letter to car owner XXXX to invoice railroad YYYY for the amount of the exception letter ($100). Car Owner XXXX submits the CBA record to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date = "1402"
Invoice Number = "12345"
Detail Source = "CB" (Counter Billing Authority)
Document Reference Number = "CBA20140101XXXX"
Repairing Party = "YYYY"
Repairing Party Invoice Number = "YYYY INV#0001"
Repairing Party Document Reference Number = spaces

The rest of the fields on the Format 1 record are filled in as indicated previously for CBA records.

	Counter Billing Authority (CBA) Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**CBA Summary Record**
	Record Format	1	1	A/N	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX
	Billed Party	6	4	A/N	YYYY
	Account Date (YYMM)	10	4	N	1402
	Invoice Number	14	16	A/N	12345
	Price Master File Indicator	30	1	A/N	U
Repair Header	Detail Source	31	2	A/N	CB
	Document Reference Number	33	15	A/N	CBA20140101XXXX
	Car Initial	48	4	A	
	Car Number	52	6	N	000000
	Kind of Car Symbol	58	1	A	
	Load/Empty Indicator	59	1	A/N	
	Repair Date (YYMMDD)	60	6	N	140101
	SPLC	66	6	N	000000
	Repairing Party	72	4	A/N	YYYY
	Repairing Party Invoice Number	76	16	A/N	YYYY INV#0001
	Repairing Party Document Reference Number	92	15	A/N	
	Repair Facility Type	107	2	A/N	

	Counter Billing Authority (CBA) Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**CBA Summary Record**
Repair Detail	Location on Car	109	2	A/N	
	Reserved for future CRB use	111	1	A/N	
	Reserved for future CRB use	112	1	N	0
	Quantity	113	4	N	0000
	Condition Code	117	1	A/N	
	Reserved for future CRB use	118	2	N	00
	Applied Job Code	120	4	N	0000
	Applied Qualifier	124	3	A/N	
	Why Made Code	127	2	A/N	
	Reserved for future CRB use	129	2	N	00
	Removed Job Code	131	4	N	0000
	Removed Qualifier	135	3	A/N	
	Responsibility Code	138	1	A/N	
	Defect Card/JIC Party	139	4	A/N	
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000
	Labor Charge	149	7	N	0000000
	Material Charge	156	8	N	00010000
	Material Sign	164	1	A	D
	Machine Priceable Indicator	165	1	A	N
	Wrong Repair Indicator	166	1	A	N

	Counter Billing Authority (CBA) Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**CBA Summary Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	
	Applied Wheel Date (MMYY)	195	4	N	
	Applied Wheel Manufacture Code	199	2	A/N	
	Applied Wheel Class Code	201	1	A/N	
	Applied Side Reading	202	2	N	
	Applied Finger Reading	204	2	N	
	Removed Wheel Date (MMYY)	206	4	N	
	Removed Wheel Manufacture Code	210	2	A/N	
	Removed Wheel Class Code	212	1	A/N	
	Removed Side Reading	213	2	A/N	
	Removed Finger Reading	215	2	A/N	CBA
	Labor Rate	217	5	N	00000
	Expanded SPLC	222	9	N	
	CIF Repairing Party	231	13	A/N	
	CIF Billing/Invoicing Party	244	13	A/N	
	CIF Billed Party	257	13	A/N	
	CIF Defect/JIC Party	270	13	A/N	
	Reserved for future CRB use	283	6	A/N	
	Line Number	289	5	N	
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N	
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N	
	Resubmitted Invoice Indicator	306	1	A/N	
	Original Invoice Number	307	16	A/N	
	Original Account Date (YYMM)	323	4	N	
	AAR Component ID (CID)	327	14	A/N	
	DDCT Incident ID (XXXX99999999)	341	12	A/N	
	Reserved for future CRB use	353	48	A/N	
	Free User Area	401	100	A/N	

Appendix N Tax Records

How to submit taxes via the AAR/Railinc Data Exchange system

There are several types of taxes that can be submitted via the AAR/Railinc Data Exchanges system. To report tax records, create a detailed tax Format 1 record by billing repair data at an individual car level.

Below is a list of the valid Detail Source Codes for taxes:

GT = Canadian Goods and Services Tax (GST)
PT = Canadian Provincial Sales Tax (PST)
QT = Quebec Sales Tax (QST)
HT = Canadian Harmonized Tax (HST)
IV = Imposed Value Added Mexican Tax (IVA)

Listed below are guidelines for submitting tax records.

N.1 Tax Records

When submitting tax records to Data Exchange the following fields must be filled in. One or more tax records ***must be submitted*** for any applicable tax detail source code (i.e., GT, PT, QT, HT, IV) per invoice. The list of fields below refers to the Record Format 1

- Record Format (must be " 1 ")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator set to the appropriate funds being billed
- Detail Source set to the appropriate value for the tax being applied
- Document Reference Number
- Car Initial set to the initial of the car being repaired
- Car Number set to the number of the car being repaired
- Kind of Car Symbol set to the car's kind of car
- Load/Empty Indicator set to appropriate value for the car being repaired
- Repair Date (YYMMDD) set to the date the car was repaired
- SPLC set to location where the repairs were made
- Repairing Party
- Repairing Party Invoice Number
- Repair Facility Type set to type of location where the repairs were made
- Location on Car set to spaces
- Quantity set to "0001"
- Condition Code set to "1"
- Applied Job Code set to "8530", the NIT league code for taxes
- Applied Qualifier set to spaces
- Why Made Code set to "09"
- Removed Job Code set to "8530"
- Removed Qualifier set to spaces
- Responsibility Code set to "1"
- Defect Card/JIC Party set to either spaces or the value on the defect card or JIC
- Defect Card/JIC Date (YYMMDD) set to blank or the value on the defect card or JIC
- Labor Charge set zeros
- Material Charge set to tax dollar amount
- Material Sign set to either "D" (debit) or "C" (credit) to indicate if the material billed is positive or negative
- Machine Priceable Indicator set to "N" (summary records are not machine priced)
- Wrong Repair Indicator set to "N"

- Narrative & Wheel Information set to the standard description for job code, eg: “8530”
- Labor Rate set to zeros
- Expanded SPLC set to the location where the repairs were made
- Line Number
- Resubmitted Invoice Number
- Original Invoice Date
- Original Account Date

The following fields must be filled in as indicated below for Record Format 1:

Billing/Invoicing Party must be filled in with the billing party's initial.

Billed Party must be filled in with the billed party’s initial.

Account Date must be filled in with the billing party's account date (year/month format).

Invoice Number must be filled in with the billing party's invoice number.

Detail Source must always be set to one of the values listed previously (i.e., GT, HT, PT, QT, IV) .

Car Initial set to the initial of the car being repaired.

Car Number set to the number of the car being repaired.

Document Reference Number is conditional. It is only required for Detail Source “CB”. Required for CBA number. It could be used to hold a file number or some information that would help the Billing or Billed Party.

Repairing Party set to the billing party’s initial.

Repairing Party Invoice Number set to the billing party’s initial.

Repairing Party Document Reference Number if present, set to the billing party’s document reference number.

N.1.1 Example 1—Canadian Taxes: Creating a Detail Tax Format 1 Record by Billing Repair Data at an Individual Car Level

Canadian tax laws require that taxes be charged on all repairs to the Canadian registered car owner. Canadian registered entity YYYY repairs Canadian registered car owner XXXX's railcars on January 1, 2014. Canadian registered entity YYYY submits a detail tax repair record for each individual car to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "YYYY"
Billed Party = "XXXX"
Account Date = "1401"
Invoice Number = "12345"
Price Master File Indicator = “C”
Detail Source = "GT" (Canadian Goods and Services Tax)
Document Reference Number = spaces
Car Initial = XXXX
Car Number = 654321
Repairing Party = "YYYY"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces
Kind of Car Symbol = “F”
Load/Empty Indicator = “E”
Repair Date (YYMMDD) = “080101”
SPLC = “038000”
Repairing Party = “YYYY”
Repairing Party Invoice Number = “12345”
Repairing Party Document Reference Number set to spaces
Repair Facility Type “ET”
Location on Car set to spaces
Quantity set to “0001”
Condition Code set to “1”
Applied Job Code set to “8530”, the NIT League code for taxes
Applied Qualifier set to spaces
Why Made Code set to “09”
Removed Job Code set to “8530”
Removed Qualifier set to spaces
Responsibility Code set to “1”
Labor Charge set zeros
Material Charge = “00001000” ($10.00)
Material Sign = "D" (debit)
Machine Priceable Indicator = "N" (summary records are not machine priced)
Wrong Repair Indicator set to "N"
Narrative & Wheel Information set to the standard description for job code “8530”
Labor Rate set to zeros
Expanded SPLC set to the location where the repairs were made
Line Number
Resubmitted Invoice Number
Original Invoice Date
Original Account Date

Canadian Taxes:

1) Creating a detail tax Format 1 record by billing repair data at an individual car level.

*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*

	Field Name	Column	Length	Format**	GST Detail Tax Record Individual Car Level (2)
	Record Format	1	1	A/N	1
Invoice	Billing/Invoicing Party	2	4	A/N	YYYY
	Billed Party	6	4	A/N	XXXX
	Account Date (YYMM)	10	4	N	1401
	Invoice Number	14	16	A/N	12345
	Price Master File Indicator	30	1	A/N	C
Repair Header	Detail Source	31	2	A/N	GT
	Document Reference Number	33	15	A/N	
	Car Initial	48	4	A	XXXX
	Car Number	52	6	N	123456
	Kind of Car Symbol	58	1	A	F
	Load/Empty Indicator	59	1	A/N	E
	Repair Date (YYMMDD)	60	6	N	140101
	SPLC	66	6	N	380000
	Repairing Party	72	4	A/N	YYYY
	Repairing Party Invoice Number	76	16	A/N	12345
	Repairing Party Document Reference Number	92	15	A/N	
	Repair Facility Type	107	2	A/N	ET

Canadian Taxes:

1) Creating a detail tax Format 1 record by billing repair data at an individual car level.

*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*

	Field Name	Column	Length	Format**	GST Detail Tax Record Individual Car Level (2)
Repair Detail	Location on Car	109	2	A/N	
	Reserved for future CRB use	111	1	A/N	
	Reserved for future CRB use	112	1	N	0
	Quantity	113	4	N	0001
	Condition Code	117	1	A/N	1
	Reserved for future CRB use	118	2	N	00
	Applied Job Code	120	4	N	8530
	Applied Qualifier	124	3	A/N	
	Why Made Code	127	2	A/N	09
	Reserved for future CRB use	129	2	N	00
	Removed Job Code	131	4	N	8530
	Removed Qualifier	135	3	A/N	
	Responsibility Code	138	1	A/N	1
	Defect Card/JIC Party	139	4	A/N	
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000
	Labor Charge	149	7	N	0000000
	Material Charge	156	8	N	00001000
	Material Sign	164	1	A	D
	Machine Priceable Indicator	165	1	A	N
	Wrong Repair Indicator	166	1	A	N

Canadian Taxes:

1) Creating a detail tax Format 1 record by billing repair data at an individual car level.

*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*

	Field Name	Column	Length	Format**	GST Detail Tax Record Individual Car Level (2)
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	SALES TAX OR DUTY
	Applied Wheel Date (MMYY)	195	4	N	
	Applied Wheel Manufacture Code	199	2	A/N	
	Applied Wheel Class Code	201	1	A/N	
	Applied Side Reading	202	2	N	
	Applied Finger Reading	204	2	N	
	Removed Wheel Date (MMYY)	206	4	N	
	Removed Wheel Manufacture Code	210	2	A/N	
	Removed Wheel Class Code	212	1	A/N	
	Removed Side Reading	213	2	A/N	
	Removed Finger Reading	215	2	A/N	
	Labor Rate	217	5	N	00000
	Expanded SPLC	222	9	N	
	CIF Repairing Party	231	13	A/N	
	CIF Billing/Invoicing Party	244	13	A/N	
	CIF Billed Party	257	13	A/N	
	CIF Defect/JIC Party	270	13	A/N	
	Reserved for future CRB use	283	6	A/N	
	Line Number	289	5	N	00001
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N	
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N	
	Resubmitted Invoice Indicator	306	1	A/N	
	Original Invoice Number	307	16	A/N	
	Original Account Date (YYMM)	323	4	N	
	AAR Component ID (CID)	327	14	A/N	
	DDCT Incident ID (XXXX99999999)	341	12	A/N	
	Reserved for future CRB use	353	48	A/N	
	Free User Area	401	100	A/N	

N.1.2 Example 2—Mexican Taxes: Creating a Detail Tax Format 1 Record by Billing Repair Data at an Individual Car Level

Mexican tax laws require that taxes be charged on all repairs to other Mexican car mark owners only. Mexican entity YYYY repairs Mexican car mark owner XXXX's railcar on January 1, 2008. Mexican entity YYYY submits a detail tax repair record for each individual car to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "YYYY"
Billed Party = "XXXX"
Account Date = "1401"
Invoice Number = "12345"
Price Master File Indicator = “U”
Detail Source = "IV" (Imposed Value Added Mexican Tax)
Document Reference Number = spaces
Car Initial = XXXX
Car Number = 654321
Repairing Party = "YYYY"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces
Kind of Car Symbol = “F”
Load/Empty Indicator = “E”
Repair Date (YYMMDD) = “080101”
SPLC = “038000”
Repairing Party = “YYYY”
Repairing Party Invoice Number = “12345”
Repairing Party Document Reference Number set to spaces
Repair Facility Type “ET”
Location on Car set to spaces
Quantity set to “0001”
Condition Code set to “1”
Applied Job Code set to “8530”, the NIT League code for taxes
Applied Qualifier set to spaces
Why Made Code set to “09”
Removed Job Code set to “8530”
Removed Qualifier set to spaces
Responsibility Code set to “1”
Labor Charge set zeros
Material Charge = “00001000” ($10.00)
Material Sign = "D" (debit)
Machine Priceable Indicator = "N" (summary records are not machine priced)
Wrong Repair Indicator set to "N"
Narrative & Wheel Information set to the standard description for job code “8530”
Labor Rate set to zeros
Expanded SPLC set to the location where the repairs were made
Line Number
Resubmitted Invoice Number
Original Invoice Date
Original Account Date

Mexican Taxes:

1) Creating a detail tax Format 1 record by billing repair data at an individual car level.

*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*

	Field Name	Column	Length	Format**	GST Detail Tax Record Individual Car Level (2)
	Record Format	1	1	A/N	1
Invoice	Billing/Invoicing Party	2	4	A/N	YYYY
	Billed Party	6	4	A/N	XXXX
	Account Date (YYMM)	10	4	N	1401
	Invoice Number	14	16	A/N	12345
	Price Master File Indicator	30	1	A/N	U
Repair Header	Detail Source	31	2	A/N	IV
	Document Reference Number	33	15	A/N	
	Car Initial	48	4	A	XXXX
	Car Number	52	6	N	123456
	Kind of Car Symbol	58	1	A	F
	Load/Empty Indicator	59	1	A/N	E
	Repair Date (YYMMDD)	60	6	N	140101
	SPLC	66	6	N	380000
	Repairing Party	72	4	A/N	YYYY
	Repairing Party Invoice Number	76	16	A/N	12345
	Repairing Party Document Reference Number	92	15	A/N	
	Repair Facility Type	107	2	A/N	ET

Mexican Taxes:

1) Creating a detail tax Format 1 record by billing repair data at an individual car level.

*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*

	Field Name	Column	Length	Format**	GST Detail Tax Record Individual Car Level (2)
Repair Detail	Location on Car	109	2	A/N	
	Reserved for future CRB use	111	1	A/N	
	Reserved for future CRB use	112	1	N	0
	Quantity	113	4	N	0001
	Condition Code	117	1	A/N	1
	Reserved for future CRB use	118	2	N	00
	Applied Job Code	120	4	N	8530
	Applied Qualifier	124	3	A/N	
	Why Made Code	127	2	A/N	09
	Reserved for future CRB use	129	2	N	00
	Removed Job Code	131	4	N	8530
	Removed Qualifier	135	3	A/N	
	Responsibility Code	138	1	A/N	1
	Defect Card/JIC Party	139	4	A/N	
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000
	Labor Charge	149	7	N	0000000
	Material Charge	156	8	N	00001000
	Material Sign	164	1	A	D
	Machine Priceable Indicator	165	1	A	N
	Wrong Repair Indicator	166	1	A	N

Mexican Taxes:

1) Creating a detail tax Format 1 record by billing repair data at an individual car level.

*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*

	Field Name	Column	Length	Format**	GST Detail Tax Record Individual Car Level (2)
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	SALES TAX OR DUTY
	Applied Wheel Date (MMYY)	195	4	N	
	Applied Wheel Manufacture Code	199	2	A/N	
	Applied Wheel Class Code	201	1	A/N	
	Applied Side Reading	202	2	N	
	Applied Finger Reading	204	2	N	
	Removed Wheel Date (MMYY)	206	4	N	
	Removed Wheel Manufacture Code	210	2	A/N	
	Removed Wheel Class Code	212	1	A/N	
	Removed Side Reading	213	2	A/N	
	Removed Finger Reading	215	2	A/N	
	Labor Rate	217	5	N	00000
	Expanded SPLC	222	9	N	
	CIF Repairing Party	231	13	A/N	
	CIF Billing/Invoicing Party	244	13	A/N	
	CIF Billed Party	257	13	A/N	
	CIF Defect/JIC Party	270	13	A/N	
	Reserved for future CRB use	283	6	A/N	
	Line Number	289	5	N	00001
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N	
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N	
	Resubmitted Invoice Indicator	306	1	A/N	
	Original Invoice Number	307	16	A/N	
	Original Account Date (YYMM)	323	4	N	
	AAR Component ID (CID)	327	14	A/N	
	DDCT Incident ID (XXXX99999999)	341	12	A/N	
	Reserved for future CRB use	353	48	A/N	
	Free User Area	401	100	A/N	

Appendix O Shop Billing

How to submit shop billing via the AAR/Railinc Data Exchange system

Listed below are guidelines for submitting detailed Shop Billing (Detail Source "SH").

Important Note:	Shop Billing as defined in this Appendix is not intended as a substitute for Running Repair Agents (AAR Office Manual - Appendix H). Shop Billing referenced in this Appendix is for use in bilateral agreements between contract shops and car owners. For Detail Source "SH", Running Repair Agent mark as defined in AAR Office Manual Appendix H would not be a valid Billing/Invoicing Party.

O.1 Detail Shop Billing Records

When submitting detail defect shop billing records to Data Exchange the following fields must be filled in as required based on the repairs performed.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source (SH)
- Document Reference Number
- Car Initial
- Car Number
- Kind of Car Symbol
- Load/Empty Indicator
- Repair Date (YYMMDD)
- SPLC
- Repairing Party
- Repairing Party Invoice Number
- Repairing Party Document Reference Number
- Repair Facility Type (CS) optional field
- Location on Car
- Quantity
- Condition Code
- Applied Job Code
- Applied Qualifier
- Why Made Code
- Removed Job Code
- Removed Qualifier
- Responsibility Code
- Defect Card/JIC Party
- Defect Card/JIC Date (YYMMDD)
- Labor Charge
- Material Charge
- Material Sign
- Machine Priceable Indicator always set to "N" (shop billing does not use the AAR price master)
- Wrong Repair Indicator
- Narrative & Wheel Information set to meaningful description as defined in C.3
- Labor Rate
- Expanded SPLC
- Line Number
- Resubmitted Invoice Number
- Original Invoice Date
- AAR Component ID (CID)
- Original Account Date

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the repairing party's initial
Billed Party must be filled in with the billed party's initial
Account Date must be filled in with the repairing party's account date (year/month format)
Invoice Number must be filled in with the repairing party's invoice number
Detail Source must always be set to "SH" for shop billing
Document Reference Number is conditional. Only required for Detail Source "CB". Required for CBA number. It could be used to hold a file number or some information that would help the Billing or Billed Party.
Repairing Party must be set to the repairing party's initial
Repairing Party Invoice Number must be set to the repairing party's invoice number
Repairing Party Document Reference Number, if present, must be set to the repairing party's document reference number

Example: Shop XXXX repairs car owner YYYY's railcar during shop XXXX's January 2014 account month. Shop XXXX submits the repair records to the Data Exchange system and fills in the following fields:

Important Note:	Shop Billing as defined in this Appendix is not intended as a substitute for Running Repair Agents (AAR Office Manual—Appendix H). Shop Billing referenced in this Appendix is for use in bilateral agreements between contract shops and car owners. For Detail Source "SH", Running Repair Agent mark as defined in AAR Office Manual Appendix H would not be a valid Billing/Invoicing Party.

Billing/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date = "1401"
Invoice Number = "12345"
Detail Source = "SH" (for shop billing)
Document Reference Number = spaces (not filled in)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces (not filled in)
Repair Facility Type = "CS" (Contract Shop)

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

	Shop Billing Examples					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX	XXXX
	Billed Party	6	4	A/N	YYYY	YYYY
	Account Date (YYMM)	10	4	N	1401	1401
	Invoice Number	14	16	A/N	12345	12345
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	SH	SH
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	YYYY	YYYY
	Car Number	52	6	N	123456	123456
	Kind of Car Symbol	58	1	A	F	F
	Load/Empty Indicator	59	1	A/N	E	E
	Repair Date (YYMMDD)	60	6	N	140101	140101
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	XXXX	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345	12345
	Repairing Party Document Reference Number	92	15	A/N		
	Repair Facility Type	107	2	A/N	CS	CS

	Shop Billing Examples					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
Repair Detail	Location on Car	109	2	A/N	A	L3
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	0001	0001
	Condition Code	117	1	A/N	1	7
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	4458	3071
	Applied Qualifier	124	3	A/N		02
	Why Made Code	127	2	A/N	09	64
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	4458	3071
	Removed Qualifier	135	3	A/N		01
	Responsibility Code	138	1	A/N	1	1
	Defect Card/JIC Party	139	4	A/N		
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000	000000
	Labor Charge	149	7	N	0008000	0000000
	Material Charge	156	8	N	00000000	00000000
	Material Sign	164	1	A	D	D
	Machine Priceable Indicator	165	1	A	N	N
	Wrong Repair Indicator	166	1	A	N	N

	Shop Billing Examples					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR, JACK CAR	WHEEL 36" 1W HT-CP
	Applied Wheel Date (MMYY)	195	4	N		0513
	Applied Wheel Manufacture Code	199	2	A/N		GT
	Applied Wheel Class Code	201	1	A/N		C
	Applied Side Reading	202	2	N		28
	Applied Finger Reading	204	2	N		00
	Removed Wheel Date (MMYY)	206	4	N		0198
	Removed Wheel Manufacture Code	210	2	A/N		GT
	Removed Wheel Class Code	212	1	A/N		C
	Removed Side Reading	213	2	A/N		27
	Removed Finger Reading	215	2	A/N		00
	Labor Rate	217	5	N	05500	05500
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N		
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		
	Original Invoice Number	307	16	A/N		
	Original Account Date (YYMM)	323	4	N		
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

Appendix P Running Repair Agent Reporting (AAR Office Manual—Appendix H or the Running Repair Agent Category in FindUs.Rail)

How to submit Running Repair Agent reporting via the AAR/Railinc Data Exchange system

Listed below are guidelines for submitting detailed Running Repair Agent data.

Important Note:	Running Repair Agent billing is not intended as a substitute for Shop Billing. Shop Billing as referenced in Appendix O of this document is for use in bilateral agreements between contract shops and car owners. For any Detail Source other than "SH", the Running Repair Agent mark as defined in AAR Office Manual Appendix H would be the only valid Billing/Invoicing Party.

Important Note:	A new Running Repair Agent is required to contact RR.agents@railinc.com to receive the documents required to register as a Railroad Running Repair Agent. Once the Running Repair Agent has been assigned a Running Repair Agent mark (ex: A000) they will need to notify the Railroad (XXXX) that they are an agent. It is up to Railroad (XXXX) to notify AAR/Railinc of the new Running Repair Agent at a SPLC location (ex: 380000) so it may be published in Appendix H of the AAR Office manual or in the Running Repair Agent Category in FindUs.Rail.

P.1 Detail Running Repair Agent Records

When submitting detail Running Repair Agent records to Data Exchange the following fields must be filled in as required based on the repairs performed.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source
- Car Initial
- Car Number
- Kind of Car Symbol
- Load/Empty Indicator
- Repair Date (YYMMDD)
- SPLC
- Repairing Party report Sponsoring Railroad reporting mark.
- Repairing Party Invoice Number report Running Repair Agents Invoice Number.
- Repairing Party Document Reference Number report Running Repair Agent Document Reference Number.
- Repair Facility Type
- Location on Car
- Quantity
- Condition Code
- Applied Job Code
- Applied Qualifier
- Why Made Code
- Removed Job Code
- Removed Qualifier
- Responsibility Code
- Labor Charge
- Material Charge
- Material Sign
- Machine Priceable Indicator set to "Y" if the AAR price master was used to edit/price the record, otherwise set to "N"

- Wrong Repair Indicator
- Narrative & Wheel Information set to meaningful description as defined in C.3
- Labor Rate
- Expanded SPLC
- Line Number
- AAR Component ID (CID)
- Resubmitted Invoice Number
- Original Invoice Date
- Original Account Date

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the Running Repair Agent mark
Billed Party must be filled in with the billed party's initial
Account Date must be filled in with the repairing party's account date (year/month format)
Invoice Number must be filled in with the Running Repair Agents Invoice Number
Detail Source must always be set to "BR" for AAR billing repair data billing
Document Reference Number is conditional. Only required for Detail Source "CB". Required for CBA number. It could be used to hold a file number or some information that would help the Billing or Billed Party.
Repairing Party must be set to the Sponsoring Railroad's reporting mark.
Repairing Party Invoice Number must be set to the Running Repair Agents invoice number
Repairing Party Document Reference Number, if present, must be set to the Running Repair Agents document reference number

P.1.1 Example 1—for Responsibility Code 1

Running Repair Agent (A000) submits the repair records in the January 2014 account month as the agent of Railroad (XXXX) to Railinc for Billed Party (YYYY) Data Exchange system and fills in the following fields:

Important Note:	Running Repair Agent billing is not intended as a substitute for Shop Billing. Shop Billing as referenced in Appendix O of this document is for use in bilateral agreements between contract shops and car owners. For any Detail Source other than "SH", the Running Repair Agent mark as defined in AAR Office Manual Appendix H would be the only valid Billing/Invoicing Party.

Billing/Invoicing Party = "A000" (Running Repair Agent mark)
Billed Party = "YYYY"
Account Date = "1401"
Invoice Number = "12345" (Running Repair Agents Invoice Number)
Detail Source = "BR" (Billing repair data)
Document Reference Number = "12345" (Running Repair Agent Document Reference Number)
Repair Date = "140101"
SPLC = "380000"
Repairing Party = "XXXX" (Sponsoring Railroad)
Repairing Party Invoice Number = "12345" (Running Repair Agents Invoice Number)
Repairing Party Document Reference Number = "12345" (Running Repair Agent Doc.Ref.Number)
Responsibility Code = "1"

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

P.1.2 Example 2—for Responsibility Code 2 (Handling Line Responsibility)

Running Repair Agent (A000) submits Handling Line responsibility repair records with the following fields populated in the January 2014 account month as the agent of Railroad (XXXX) for Billed Party (YYYY) to Railinc Data Exchange system:

Billing/Invoicing Party = "A000" (Running Repair Agent mark)
Billed Party = "YYYY"
Account Date = "1401"
Invoice Number = "12345" (Running Repair Agents Invoice Number)
Detail Source = "BR" (Billing repair data)
Car Initial = 'YYYY'
Car Number = '123456'
Document Reference Number = "12345" (Running Repair Agent Document Reference Number)
Repair Date = "140101"
SPLC = "380000"
Repairing Party = "XXXX" (Sponsoring Railroad)
Repairing Party Invoice Number = "12345" (Running Repair Agents Invoice Number)
Repairing Party Document Reference Number = "12345" (Running Repair Agent Doc.Ref.Number)
Responsibility Code = "2"

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

P.1.3 Example 3—for Responsibility Code 3

Running Repair Agent (A000) repairs car mark owner YYYY's railcar as the agent of Railroad XXXX on January 1, 2014 during running repair agents January 2014 account month under the authority of a Defect Card from Railroad ZZZZ dated December 1, 2013.

Billing/Invoicing Party = "A000" (Running Repair Agent mark)
Billed Party = "YYYY"
Account Date = "1401"
Invoice Number = "12345" (Running Repair Agents Invoice Number)
Detail Source = "DC" (Defect Card/JIC Party)
Document Reference Number = "12345" (Running Repair Agent Document Reference Number)
Repair Date = "140101"
SPLC = "380000"
Repairing Party = "XXXX" (Sponsoring Railroad)
Repairing Party Invoice Number = "12345" (Running Repair Agents Invoice Number)
Repairing Party Document Reference Number = "12345" (Running Repair Agent Doc.Ref.Number)
Responsibility Code = "3"
Defect Card /JIC Party = "ZZZZ"
Defect Card /JIC Date = "131201"

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

	Running Repair Agent—Example 1					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	A000	A000
	Billed Party	6	4	A/N	YYYY	YYYY
	Account Date (YYMM)	10	4	N	1401	1401
	Invoice Number	14	16	A/N	12345	12345
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	BR	BR
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	YYYY	YYYY
	Car Number	52	6	N	654321	654321
	Kind of Car Symbol	58	1	A	F	F
	Load/Empty Indicator	59	1	A/N	E	E
	Repair Date (YYMMDD)	60	6	N	140101	140101
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	XXXX	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345	12345
	Repairing Party Document Reference Number	92	15	A/N	12345	12345
	Repair Facility Type	107	2	A/N	RT	RT

	Running Repair Agent—Example 1					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
Repair Detail	Location on Car	109	2	A/N	A	L3
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	0001	0001
	Condition Code	117	1	A/N	1	7
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	4458	3071
	Applied Qualifier	124	3	A/N		02
	Why Made Code	127	2	A/N	09	64
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	4458	3071
	Removed Qualifier	135	3	A/N		01
	Responsibility Code	138	1	A/N	1	1
	Defect Card/JIC Party	139	4	A/N		
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000	000000
	Labor Charge	149	7	N	0009192	0000000
	Material Charge	156	8	N	00000015	00000000
	Material Sign	164	1	A	D	D
	Machine Priceable Indicator	165	1	A	Y	Y
	Wrong Repair Indicator	166	1	A	N	N

	Running Repair Agent—Example 1					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR, JACK CAR	WHEEL 36" 1W HT-CP
	Applied Wheel Date (MMYY)	195	4	N		1213
	Applied Wheel Manufacture Code	199	2	A/N		GT
	Applied Wheel Class Code	201	1	A/N		C
	Applied Side Reading	202	2	N		28
	Applied Finger Reading	204	2	N		00
	Removed Wheel Date (MMYY)	206	4	N		0198
	Removed Wheel Manufacture Code	210	2	A/N		GT
	Removed Wheel Class Code	212	1	A/N		C
	Removed Side Reading	213	2	A/N		27
	Removed Finger Reading	215	2	A/N		05
	Labor Rate	217	5	N	11088	11088
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N		
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		
	Original Invoice Number	307	16	A/N		
	Original Account Date (YYMM)	323	4	N		
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

	Running Repair Agent—Example 2					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	A000	A000
	Billed Party	6	4	A/N	YYYY	YYYY
	Account Date (YYMM)	10	4	N	1401	1401
	Invoice Number	14	16	A/N	12345	12345
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	BR	BR
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	YYYY	YYYY
	Car Number	52	6	N	654321	654321
	Kind of Car Symbol	58	1	A	F	F
	Load/Empty Indicator	59	1	A/N	E	E
	Repair Date (YYMMDD)	60	6	N	140101	140101
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	XXXX	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345	12345
	Repairing Party Document Reference Number	92	15	A/N	12345	12345
	Repair Facility Type	107	2	A/N	RT	RT

	Running Repair Agent—Example 2					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
Repair Detail	Location on Car	109	2	A/N	A	L3
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	0001	0001
	Condition Code	117	1	A/N	1	7
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	4458	3071
	Applied Qualifier	124	3	A/N		02
	Why Made Code	127	2	A/N	09	64
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	4458	3071
	Removed Qualifier	135	3	A/N		01
	Responsibility Code	138	1	A/N	2	2
	Defect Card/JIC Party	139	4	A/N		
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000	000000
	Labor Charge	149	7	N	0000000	0000000
	Material Charge	156	8	N	00000000	00000000
	Material Sign	164	1	A	D	D
	Machine Priceable Indicator	165	1	A	Y	Y
	Wrong Repair Indicator	166	1	A	N	N

	Running Repair Agent—Example 2					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR, JACK CAR	WHEEL 36" 1W HT-CP
	Applied Wheel Date (MMYY)	195	4	N		1213
	Applied Wheel Manufacture Code	199	2	A/N		GT
	Applied Wheel Class Code	201	1	A/N		C
	Applied Side Reading	202	2	N		28
	Applied Finger Reading	204	2	N		00
	Removed Wheel Date (MMYY)	206	4	N		0198
	Removed Wheel Manufacture Code	210	2	A/N		GT
	Removed Wheel Class Code	212	1	A/N		C
	Removed Side Reading	213	2	A/N		27
	Removed Finger Reading	215	2	A/N		05
	Labor Rate	217	5	N	11088	11088
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N		
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		
	Original Invoice Number	307	16	A/N		
	Original Account Date (YYMM)	323	4	N		
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

	Running Repair Agent—Example 3					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	A000	A000
	Billed Party	6	4	A/N	YYYY	YYYY
	Account Date (YYMM)	10	4	N	1401	1401
	Invoice Number	14	16	A/N	12345	12345
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	DC	DC
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	YYYY	YYYY
	Car Number	52	6	N	654321	654321
	Kind of Car Symbol	58	1	A	F	F
	Load/Empty Indicator	59	1	A/N	E	E
	Repair Date (YYMMDD)	60	6	N	140101	140101
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	XXXX	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345	12345
	Repairing Party Document Reference Number	92	15	A/N	12345	12345
	Repair Facility Type	107	2	A/N	RT	RT

	Running Repair Agent—Example 3					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
Repair Detail	Location on Car	109	2	A/N	A	L3
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	0001	0001
	Condition Code	117	1	A/N	1	7
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	4458	3071
	Applied Qualifier	124	3	A/N		02
	Why Made Code	127	2	A/N	09	78
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	4458	3071
	Removed Qualifier	135	3	A/N		01
	Responsibility Code	138	1	A/N	3	3
	Defect Card/JIC Party	139	4	A/N	ZZZZ	ZZZZ
	Defect Card/JIC Date (YYMMDD)	143	6	N	131201	131201
	Labor Charge	149	7	N	0009192	0000000
	Material Charge	156	8	N	00000015	00000000
	Material Sign	164	1	A	D	D
	Machine Priceable Indicator	165	1	A	Y	Y
	Wrong Repair Indicator	166	1	A	N	N

	Running Repair Agent—Example 3					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Non-Wheel Detail Record**	**Wheel Detail Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR, JACK CAR	WHEEL 36" 1W HT-CP
	Applied Wheel Date (MMYY)	195	4	N		1213
	Applied Wheel Manufacture Code	199	2	A/N		GT
	Applied Wheel Class Code	201	1	A/N		C
	Applied Side Reading	202	2	N		28
	Applied Finger Reading	204	2	N		00
	Removed Wheel Date (MMYY)	206	4	N		0198
	Removed Wheel Manufacture Code	210	2	A/N		GT
	Removed Wheel Class Code	212	1	A/N		C
	Removed Side Reading	213	2	A/N		27
	Removed Finger Reading	215	2	A/N		05
	Labor Rate	217	5	N	11088	11088
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N		
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		
	Original Invoice Number	307	16	A/N		
	Original Account Date (YYMM)	323	4	N		
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

Appendix Q Destroyed Unit Records (Rule 107)

How to submit destroyed unit billing via the AAR/Railinc Data Exchange system

Listed below are guidelines for submitting destroyed unit billing for Detail Source DE.

Q.1 Destroyed Unit Records

When submitting (Detail Source "DE") destroyed unit records to Data Exchange the following fields must be filled in. Since these are summary records most of the fields are initialized to either spaces or zeros. ***One record must be submitted for each piece of equipment.*** Refer to Rule 112 for more information on billing for destroyed equipment.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator set to the appropriate funds being billed
- Detail Source
- Car Initial set to the destroyed car's initial
- Car Number set to the destroyed car's number
- Kind of Car Symbol set to the destroyed car's kind of car
- Load/Empty Indicator set to "U"
- Repair Date (YYMMDD) set to the date settlement was accepted in DDCT allowing the destroying party to invoice for the destroyed equipment
- SPLC
- Repair Facility Type set to spaces
- Location on Car set to default location "B"
- Quantity set to "1"
- Condition Code set to "1"
- Applied Job Code set to "5199/5499"
- Applied Qualifier set to "ZF"
- Why Made Code set to appropriate Why Made Code
- Removed Job Code set to "5199/5499"
- Removed Qualifier set to "ZF"
- Responsibility Code set to "3"
- Defect Card/JIC Party set to the initial of the destroying party issuing the authorization
- Defect Card/JIC Date (YYMMDD) set to the date settlement was accepted in DDCT allowing the destroying party to invoiced for the destroyed equipment
- Labor Charge set to zeros
- Material Charge set to dollar amount in the authorization letter
- Material Sign set to "D"
- Machine Priceable Indicator set to "N" (summary records are not machine priced)
- Wrong Repair Indicator set to "N"
- Narrative & Wheel Information set to meaningful description as defined in C.3
- Labor Rate set to zeros
- Expanded SPLC
- Line Number
- Resubmitted Invoice Number
- Original Invoice Date
- Original Account Date

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the billing party's initial
Billed Party must be filled in with the destroying party's initial
Account Date must be filled in with the billing party's account date (year/month format)
Invoice Number must be filled in with the billing party's invoice number
Detail Source must always be set to "DE" for Destroyed Equipment
Document Reference Number is conditional. Only required for Detail Source "CB". Required for CBA number. It could be used to hold a file number or some information that would help the Billing or Billed Party.
Repairing Party set to the Billing/Invoicing Party's initial
Repairing Party Invoice Number set to the Billing/Invoicing Party's initial
Repairing Party Document Reference Number set to the Billing/Invoicing Party's document reference number

Example: Railroad YYYY destroys in a derailment car mark owner XXXX's railcar on January 1, 2014. On January 3, 2014 car mark owner XXXX accepts settlement in DDCT and invoices railroad YYYY for the depreciated value of the railcar $25,000. Car mark owner XXXX fills in the following fields and submits the repair records to the Data Exchange system:

Record Format (must be "1")
Billing/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date = "1401"
Invoice Number = "12345"
Detail Source = "DE" (Destroyed Equipment)
Document Reference Number (if known and available)
Repair Date = "140103" (settlement accepted date)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number (if known and available)
Location = "B" (default location)
Quantity = "1"
Condition Code = "1"
Applied Job Code = "5199/5499"
Applied Qualifier = "ZF"
Why Made Code = "33"
Removed Job Code = "5199/5499"
Removed Qualifier = "ZF"
Responsibility Code = "3"
Defect Card/JIC Party = "YYYY"
Defect Card/JIC Date = "140103" (settlement accepted date)
Material Charge = "02500000'
Material Sign = "D"

The rest of the fields on the Format 1 record are filled in as indicated previously for destroyed unit records.

	Destroyed Unit Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**Destroyed Unit Record**
	Record Format	1	1	A/N	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX
	Billed Party	6	4	A/N	YYYY
	Account Date (YYMM)	10	4	N	1401
	Invoice Number	14	16	A/N	12345
	Price Master File Indicator	30	1	A/N	U
Repair Header	Detail Source	31	2	A/N	DE
	Document Reference Number	33	15	A/N	
	Car Initial	48	4	A	XXXX
	Car Number	52	6	N	123456
	Kind of Car Symbol	58	1	A	F
	Load/Empty Indicator	59	1	A/N	U
	Repair Date (YYMMDD)	60	6	N	140103
	SPLC	66	6	N	000000
	Repairing Party	72	4	A/N	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345
	Repairing Party Document Reference Number	92	15	A/N	
	Repair Facility Type	107	2	A/N	

	Destroyed Unit Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**Destroyed Unit Record**
Repair Detail	Location on Car	109	2	A/N	B
	Reserved for future CRB use	111	1	A/N	
	Reserved for future CRB use	112	1	N	0
	Quantity	113	4	N	1
	Condition Code	117	1	A/N	1
	Reserved for future CRB use	118	2	N	00
	Applied Job Code	120	4	N	5199/5499
	Applied Qualifier	124	3	A/N	ZF
	Why Made Code	127	2	A/N	33
	Reserved for future CRB use	129	2	N	00
	Removed Job Code	131	4	N	5199/5499
	Removed Qualifier	135	3	A/N	ZF
	Responsibility Code	138	1	A/N	3
	Defect Card/JIC Party	139	4	A/N	YYYY
	Defect Card/JIC Date (YYMMDD)	143	6	N	140103
	Labor Charge	149	7	N	0000000
	Material Charge	156	8	N	02500000
	Material Sign	164	1	A	D
	Machine Priceable Indicator	165	1	A	N
	Wrong Repair Indicator	166	1	A	N

	Destroyed Unit Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**Destroyed Unit Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	Text
	Applied Wheel Date (MMYY)	195	4	N	
	Applied Wheel Manufacture Code	199	2	A/N	
	Applied Wheel Class Code	201	1	A/N	
	Applied Side Reading	202	2	N	
	Applied Finger Reading	204	2	N	
	Removed Wheel Date (MMYY)	206	4	N	
	Removed Wheel Manufacture Code	210	2	A/N	
	Removed Wheel Class Code	212	1	A/N	
	Removed Side Reading	213	2	A/N	
	Removed Finger Reading	215	2	A/N	
	Labor Rate	217	5	N	00000
	Expanded SPLC	222	9	N	000000000
	CIF Repairing Party	231	13	A/N	
	CIF Billing/Invoicing Party	244	13	A/N	
	CIF Billed Party	257	13	A/N	
	CIF Defect/JIC Party	270	13	A/N	
	Reserved for future CRB use	283	6	A/N	
	Line Number	289	5	N	00000
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N	
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N	
	Resubmitted Invoice Indicator	306	1	A/N	
	Original Invoice Number	307	16	A/N	
	Original Account Date (YYMM)	323	4	N	
	AAR Component ID (CID)	327	14	A/N	
	DDCT Incident ID (XXXX99999999)	341	12	A/N	
	Reserved for future CRB use	353	48	A/N	
	Free User Area	401	100	A/N	

Appendix R Dismantled Unit (Rule 107 and Rule 108)

How to submit Dismantled Unit billing via the AAR/Railinc Data Exchange system

Listed below are guidelines for submitting dismantled unit billing.

R.1 Dismantled Unit Records

When submitting dismantled unit records to Data Exchange (Detail Source "DM") the following fields must be filled in. Refer to ***Rules 107 and 108*** for more information on billing for dismantled equipment.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator set to the appropriate funds being billed
- Detail Source
- Car Initial set to the dismantled car's initial
- Car Number set to the dismantled car's number
- Kind of Car Symbol set to the dismantled car's kind of car
- Load/Empty Indicator set to "U"
- Repair Date (YYMMDD) set to the date of the authorization letter issued by the car owner to the dismantling party to invoice for the dismantled equipment
- SPLC
- Repair Facility Type set to spaces
- Location on Car set to default location "B"
- Quantity set to "1"
- Condition Code set to "1"
- Applied Job Code set to "5299"
- Applied Qualifier set to "ZF"
- Why Made Code set to "25"
- Removed Job Code set to "5299"
- Removed Qualifier set to "ZF"
- Responsibility Code set to "3"
- Defect Card/JIC Party set to the initials of the car owner issuing the authorization
- Defect Card/JIC Date (YYMMDD) set to the dismantle date in DDCT issued by the car owner to the dismantling party to invoice for the dismantled equipment
- Labor Charge set to zeros
- Material Charge set to dollar amount in the authorization letter
- Material Sign set to either (D) debit or (C) credit to indicate if the material billed is positive or negative
- Machine Priceable Indicator set to (N) (summary records are not machine priced)
- Wrong Repair Indicator set to "N"
- Narrative & Wheel Information set to meaningful description as defined in C.3
- Labor Rate set to zeros
- Expanded SPLC
- Line Number
- Resubmitted Invoice Number
- Original Invoice Date
- Original Account Date

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the billing/invoicing party's initial
Billed Party must be filled in with the destroying party's initial
Account Date must be filled in with the billing party's account date (year/month format)
Invoice Number must be filled in with the billing party's invoice number
Detail Source must always be set to "DM" for dismantled equipment/unit

Document Reference Number is conditional. Only required for Detail Source “CB”. Required for CBA number. It could be used to hold a file number or some information that would help the Billing or Billed Party.
Repairing Party set to the billing party’s initial
Repairing Party Invoice Number set to the billing party’s initial
Repairing Party Document Reference Number set to the billing party’s document reference number

R.1.1 Debit Example

Railroad YYYY is in possession of car mark owner XXXX's equipment that requires extensive repairs. Car mark owner XXXX decides not to repair the equipment; cost to dismantle exceeds value of car by $2000. Authorization to dismantle is provided to Railroad. Railroad YYYY will invoice car mark owner XXXX for the agreed to settlement value (per Rule 108) of the railcar. Authorization date to Dismantle Equipment is January 3, 2014. Railroad YYYY fills in the following fields and submits the Job Code 5299 repair record to the Data Exchange system:

Record Format (must be "1")
Billing/Invoicing Party = "YYYY"
Billed Party = "XXXX"
Account Date = "1401"
Invoice Number = "12345"
Detail Source = "DM" (Dismantled Equipment)
Car Initial = “XXXX’
Car Number = “123456”
Document Reference Number (if known and available)
Repair Date = “140103” (authorization date)
Repairing Party = "YYYY"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number (if known and available)
Applied Job Code = “5299”
Why Made Code = “25”
Removed Job Code = “5299”
Responsibility Code = “3”
Defect Card/JIC Party = “XXXX” (authorization party)
Defect Card/JIC Date = “140103” (authorization date)
Material Charge = “00200000”
Material Sign = “D”

R.1.2 Credit Example

Railroad YYYY is in possession of car mark owner XXXX's equipment that requires extensive repairs. Car mark owner XXXX decides not to repair the equipment; cost to dismantle is less than the value of car by $2000. Authorization to dismantle is provided to Railroad. Railroad YYYY will provide credit on an invoice to the car mark owner XXXX for the agreed to settlement value (per Rule 108) of the railcar. Railroad YYYY fills in the following fields and submits the Job Code 5299 repair record to the Data Exchange system:

Record Format (must be "1")
Billing/Invoicing Party = "YYYY"

Billed Party = "XXXX"
Account Date = "1401"
Invoice Number = "12345"
Detail Source = "DM" (Dismantled Equipment)
Car Initial = “XXXX’
Car Number = “123456”
Document Reference Number (if known and available)
Repair Date = “140103” (authorization date)
Repairing Party = "YYYY"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number (if known and available)
Applied Job Code = “5299”
Why Made Code = “25”
Removed Job Code = “5299”
Responsibility Code = “3”
Defect Card/JIC Party = “XXXX” (authorization party)
Defect Card/JIC Date = “140103” (authorization date)
Material Charge = “00200000”
Material Sign = “C”

The rest of the fields on the Format 1 record are filled in as indicated previously for dismantled unit records.

	Dismantled Unit Examples					
	** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces					
	Field Name	**Column**	**Length**	**Format****	**Dismantled Unit Debit Record**	**Dismantled Unit Credit Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	YYYY	YYYY
	Billed Party	6	4	A/N	XXXX	XXXX
	Account Date (YYMM)	10	4	N	1401	1401
	Invoice Number	14	16	A/N	12345	12345
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	DM	DM
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	XXXX	XXXX
	Car Number	52	6	N	123456	123456
	Kind of Car Symbol	58	1	A	F	F
	Load/Empty Indicator	59	1	A/N	U	U
	Repair Date (YYMMDD)	60	6	N	140103	140103
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	YYYY	YYYY
	Repairing Party Invoice Number	76	16	A/N	12345	12345
	Repairing Party Document Reference Number	92	15	A/N		
	Repair Facility Type	107	2	A/N	RT	RT

	Dismantled Unit Examples					
	** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces					
	Field Name	**Column**	**Length**	**Format****	**Dismantled Unit Debit Record**	**Dismantled Unit Credit Record**
Repair Detail	Location on Car	109	2	A/N	B	B
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	1	1
	Condition Code	117	1	A/N	1	1
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	5299	5299
	Applied Qualifier	124	3	A/N	ZF	ZF
	Why Made Code	127	2	A/N	25	25
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	5299	5299
	Removed Qualifier	135	3	A/N	ZF	ZF
	Responsibility Code	138	1	A/N	3	3
	Defect Card/JIC Party	139	4	A/N	XXXX	XXXX
	Defect Card/JIC Date (YYMMDD)	143	6	N	140103	140103
	Labor Charge	149	7	N	0000000	0000000
	Material Charge	156	8	N	00200000	00200000
	Material Sign	164	1	A	D	C
	Machine Priceable Indicator	165	1	A	N	N
	Wrong Repair Indicator	166	1	A	N	N

	Dismantled Unit Examples					
	** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces					
	Field Name	**Column**	**Length**	**Format****	**Dismantled Unit Debit Record**	**Dismantled Unit Credit Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	Text	Text
	Applied Wheel Date (MMYY)	195	4	N		
	Applied Wheel Manufacture Code	199	2	A/N		
	Applied Wheel Class Code	201	1	A/N		
	Applied Side Reading	202	2	N		
	Applied Finger Reading	204	2	N		
	Removed Wheel Date (MMYY)	206	4	N		
	Removed Wheel Manufacture Code	210	2	A/N		
	Removed Wheel Class Code	212	1	A/N		
	Removed Side Reading	213	2	A/N		
	Removed Finger Reading	215	2	A/N		
	Labor Rate	217	5	N	00000	00000
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N		
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		
	Original Invoice Number	307	16	A/N		
	Original Account Date (YYMM)	323	4	N		
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

Appendix S Material Supplied (Rule 85)

How to submit Material Supplied (Rule 85) billing via the AAR/Railinc Data Exchange system

Listed below are guidelines for submitting Material Supplied (Rule 85) billing.

S.1 Material Supplied (Rule 85) Records

When submitting Material Supplied (Rule 85) records to Data Exchange (Detail Source “MA”) the following fields must be filled in:

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator set to the appropriate funds being billed
- Detail Source = ‘MA’
- Document Reference Number
- Car Initial set to the initial of the car the material was ordered for
- Car Number set to the number of the car the material was ordered for
- Kind of Car Symbol set to the car’s kind of car
- Load/Empty Indicator set to appropriate value for the car being repaired
- Repair Date (YYMMDD) set to the date the material was shipped
- SPLC set to location where the material will be shipped to
- Repairing Party
- Repairing Party Invoice Number
- Repairing Party Document Reference Number
- Repair Facility Type set to spaces
- Location on Car set to default location “B”
- Quantity set to the appropriate value for the material ordered
- Condition Code set to the appropriate value for the material ordered
- Applied Job Code set to “5999”
- Applied Qualifier set to the appropriate car part supplied
- Why Made Code set to the appropriate value for the material ordered
- Removed Job Code set to “5999”
- Removed Qualifier set to the appropriate car part supplied
- Responsibility Code set to “3”
- Defect Card/JIC Party set to the ordering party’s initial
- Defect Card/JIC Date (YYMMDD) set to the date the material was shipped
- Labor Charge set zeros
- Material Charge set to the appropriate charge for the material per the AAR rules
- Material Sign set to either debit "D" or credit "C" to indicate if the material billed is positive or negative
- Machine Priceable Indicator set to "N"
- Wrong Repair Indicator set to "N"
- Narrative & Wheel Information set to the standard description associated for the material ordered set to meaningful description as defined in C.3
- Labor Rate set to zeros
- Expanded SPLC set to the location where the material will be shipped to
- Line Number

Note 1 – alternately, Removed Job Code may be set to the specific job code of the material supplied.
Note 2 – alternately, if the specific job code of the material supplied is shown in the Removed Job Code field, Removed Qualifier may be set to the appropriate numeric qualifier for that job code.

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the car owner's initial
Billed Party must be filled in with the ordering party's initial
Account Date must be filled in with the car owner's account date (YYMM)
Invoice Number must be filled in with the billing party's invoice number
Detail Source must always be set to "MA" (Material Supplied)
Document Reference Number is conditional. Only required for Detail Source "CB". Required for CBA number. It could be used to hold a file number or some information that would help the Billing or Billed Party.
Repairing Party set to the ordering party's initial
Repairing Party Invoice Number must be set to the repairing party's invoice number
Repairing Party Document Reference Number must be set to the repairing party's document reference

Example: On January 1, 2014, railroad XXXX orders 1 new group EOC-8B unit (Job Code 5746) from car owner YYYY to repair a railcar during car owner YYYY's January 2014 account month. This material was shipped on January 3, 2014. Car owner YYYY submits the Material Supplied (Rule 85) records to the Data Exchange system with the following fields filled in:

Billing/Invoicing Party = "YYYY"
Billed Party = "XXXX"
Account Date = "1401"
Invoice Number = "12345"
Detail Source = "MA" (Material Supplied)
Document Reference Number = "PO#123456"
Car Initial = "YYYY"
Car Number = "123456"
Repair Date = "140103" (shipped date)
SPLC = "380000"
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = "PO#123456"
Location on Car = "B" (default location)
Quantity = "0001"
Condition Code = "1"
Applied and Removed Job Code = "5999"
Applied and Removed Qualifier = "GQ"
Why Made Code = "09"
Responsibility Code = "3"
Defect Card/JIC Party = "XXXX"
Defect Card/JIC Date = "140103" (shipped date)

The rest of the fields on the Format 1 record are filled in as described above.

Note 1 – alternately, Removed Job Code may be set to the specific job code of the material supplied.
Note 2 – alternately, if the specific job code of the material supplied is shown in the Removed Job Code field, Removed Qualifier may be set to the appropriate numeric qualifier for that job code.

	Material Supplied (Rule 85) Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**Material Supplied Record**
	Record Format	1	1	A/N	1
Invoice	Billing/Invoicing Party	2	4	A/N	YYYY
	Billed Party	6	4	A/N	XXXX
	Account Date (YYMM)	10	4	N	1401
	Invoice Number	14	16	A/N	12345
	Price Master File Indicator	30	1	A/N	U
Repair Header	Detail Source	31	2	A/N	MA
	Document Reference Number	33	15	A/N	PO#123456
	Car Initial	48	4	A	YYYY
	Car Number	52	6	N	123456
	Kind of Car Symbol	58	1	A	F
	Load/Empty Indicator	59	1	A/N	E
	Repair Date (YYMMDD)	60	6	N	140103
	SPLC	66	6	N	380000
	Repairing Party	72	4	A/N	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345
	Repairing Party Document Reference Number	92	15	A/N	PO#123456
	Repair Facility Type	107	2	A/N	

	Material Supplied (Rule 85) Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**Material Supplied Record**
Repair Detail	Location on Car	109	2	A/N	B
	Reserved for future CRB use	111	1	A/N	
	Reserved for future CRB use	112	1	N	0
	Quantity	113	4	N	0001
	Condition Code	117	1	A/N	1
	Reserved for future CRB use	118	2	N	00
	Applied Job Code	120	4	N	5999
	Applied Qualifier	124	3	A/N	GQ
	Why Made Code	127	2	A/N	09
	Reserved for future CRB use	129	2	N	00
	Removed Job Code	131	4	N	5999
	Removed Qualifier	135	3	A/N	GQ
	Responsibility Code	138	1	A/N	3
	Defect Card/JIC Party	139	4	A/N	YYYY
	Defect Card/JIC Date (YYMMDD)	143	6	N	140103
	Labor Charge	149	7	N	0000000
	Material Charge	156	8	N	00102223
	Material Sign	164	1	A	D
	Machine Priceable Indicator	165	1	A	N
	Wrong Repair Indicator	166	1	A	N

	Material Supplied (Rule 85) Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**Material Supplied Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	GROUP EOC-8B (JC 5746)
	Applied Wheel Date (MMYY)	195	4	N	
	Applied Wheel Manufacture Code	199	2	A/N	
	Applied Wheel Class Code	201	1	A/N	
	Applied Side Reading	202	2	N	
	Applied Finger Reading	204	2	N	
	Removed Wheel Date (MMYY)	206	4	N	
	Removed Wheel Manufacture Code	210	2	A/N	
	Removed Wheel Class Code	212	1	A/N	
	Removed Side Reading	213	2	A/N	
	Removed Finger Reading	215	2	A/N	
	Labor Rate	217	5	N	00000
	Expanded SPLC	222	9	N	
	CIF Repairing Party	231	13	A/N	
	CIF Billing/Invoicing Party	244	13	A/N	
	CIF Billed Party	257	13	A/N	
	CIF Defect/JIC Party	270	13	A/N	
	Reserved for future CRB use	283	6	A/N	
	Line Number	289	5	N	
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N	
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N	
	Resubmitted Invoice Indicator	306	1	A/N	
	Original Invoice Number	307	16	A/N	
	Original Account Date (YYMM)	323	4	N	
	AAR Component ID (CID)	327	14	A/N	
	DDCT Incident ID (XXXX99999999)	341	12	A/N	
	Reserved for future CRB use	353	48	A/N	
	Free User Area	401	100	A/N	

Appendix T Settlement Value Adjustment (Rule 107)

How to submit Settlement Value Adjustment via the AAR/Railinc Data Exchange system

Credit for wrecked unit billing exceeding settlement value.

Listed below are guidelines for submitting (Detail Source “JI” or “DC” or “DR” or “JR” or “JD”) a settlement value adjustment with Defect Card or JIC billing. Credit adjustment is required to be made within the same accounting month. This adjustment must be reported on the same repair bill with Defect Card/JIC.

T.1 Detail Defect Card or JIC Original Records

When submitting ***detail*** Defect Card or JIC original records to Data Exchange requiring settlement value adjustment the following fields must be filled in as required based on the repairs performed.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator set to the appropriate funds being billed
- Detail Source set to “DC” or “JI” or “DR” or “JR” or “JD”
- Car Initial = ‘XXXX’
- Car Number = “123456’
- Kind of Car Symbol
- Load/Empty Indicator set to (U)
- Repair Date (YYMMDD)
- SPLC
- Repair Facility Type set to spaces
- Location on Car to default location “B”
- Quantity set to “1”
- Condition Code set to “1”
- Applied Job Code set to “5399”
- Applied Qualifier set to “ZF”
- Why Made Code set to “09”
- Removed Job Code set to “5399”
- Removed Qualifier set to “ZF”
- Responsibility Code set to “3”
- Defect Card/JIC Party must equal the initial of the party issuing the Defect Card or JIC
- Defect Card/JIC Date (YYMMDD) must equal the date from the Defect Card or JIC
- Labor Charge set to zeros
- Material Charge set to the dollar difference between total repair cost and settlement value
- Material Sign set to “C”
- Machine Priceable Indicator set to “N”
- Wrong Repair Indicator
- Narrative & Wheel Information set to some meaningful description as defined in C.3
- Labor Rate set to zeros
- Expanded SPLC
- Line Number

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the billing party’s initial
Billed Party must be filled in with the billed party’s initial
Account Date (YYMM) must be filled in with the billing party’s account date (year/month format)
Invoice Number must be filled in with the billing party's invoice number
Detail Source must be "JI" or “DC” or “DR” or “JR” or “JD”
Document Reference Number is optional. It could be used to hold a file number or some information that would help the billing or billed party

Repairing Party Invoice Number must be set to the repairing party's invoice number
Repairing Party Document Reference Number must be set to the repairing party's document reference

Example: Car Owner XXXX repairs their own railcar on December 15, 2013 under authority of endorsed JIC dated December 3, 2013 from Railroad YYYY during Car Owner's January 2014 account month. AAR Settlement Value is $56,000. Total Billing repair data charges equal $60,000. AAR Settlement Value is exceeded by $4,000 and requires credit adjustment to be made within the same accounting month. Car Owner XXXX submits the repair record to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date (YYMM) = "1401"
Invoice Number = "12345"
Detail Source = "JI"
Location on Car = "B" (default location)
Applied Job Code = "5399"
Removed Job Code "5399"
Why Made Code = "09"
Repair Date "131215"
Responsibility = "3"
Defect Card/JIC Party = "YYYY"
Defect Card/JIC Date = "131203"
Document Reference Number = spaces (not filled in)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces (not filled in)
Material Charge = "400000"
Material Sign ="C"
Machine Priceable Indicator ="N"

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

	Settlement Value Adjustment Example					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Detail Record**	
	Record Format	1	1	A/N	1	
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX	
	Billed Party	6	4	A/N	YYYY	
	Account Date (YYMM)	10	4	N	1401	
	Invoice Number	14	16	A/N	12345	
	Price Master File Indicator	30	1	A/N	U	
Repair Header	Detail Source	31	2	A/N	JI	
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	YYYY	
	Car Number	52	6	N	123456	
	Kind of Car Symbol	58	1	A	B	
	Load/Empty Indicator	59	1	A/N	E	
	Repair Date (YYMMDD)	60	6	N	131215	
	SPLC	66	6	N	380000	
	Repairing Party	72	4	A/N	XXXX	
	Repairing Party Invoice Number	76	16	A/N	12345	
	Repairing Party Document Reference Number	92	15	A/N		
	Repair Facility Type	107	2	A/N	RT	

	Settlement Value Adjustment Example					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Detail Record**	
Repair Detail	Location on Car	109	2	A/N	B	
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	
	Quantity	113	4	N	1	
	Condition Code	117	1	A/N	1	
	Reserved for future CRB use	118	2	N	00	
	Applied Job Code	120	4	N	5399	
	Applied Qualifier	124	3	A/N	ZF	
	Why Made Code	127	2	A/N	09	
	Reserved for future CRB use	129	2	N	00	
	Removed Job Code	131	4	N	5399	
	Removed Qualifier	135	3	A/N	ZF	
	Responsibility	138	1	A/N	3	
	Defect Card/JIC Party	139	4	A/N	YYYY	
	Defect Card/JIC Date (YYMMDD)	143	6	N	131203	
	Labor Charge	149	7	N	0000000	
	Material Charge	156	8	N	00400000	
	Material Sign	164	1	A	C	
	Machine Priceable Indicator	165	1	A	N	
	Wrong Repair Indicator	166	1	A	N	

	Settlement Value Adjustment Example					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Detail Record**	
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	SETTLEMENT VALUE ADJUSTMENT	
	Applied Wheel Date (MMYY)	195	4	N		
	Applied Wheel Manufacture Code	199	2	A/N		
	Applied Wheel Class Code	201	1	A/N		
	Applied Side Reading	202	2	N		
	Applied Finger Reading	204	2	N		
	Removed Wheel Date (MMYY)	206	4	N		
	Removed Wheel Manufacture Code	210	2	A/N		
	Removed Wheel Class Code	212	1	A/N		
	Removed Side Reading	213	2	A/N		
	Removed Finger Reading	215	2	A/N		
	Labor Rate	217	5	N		
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N	00001	
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		
	Original Invoice Number	307	16	A/N		
	Original Account Date (YYMM)	323	4	N		
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

Appendix U Submitting A Corrected Invoice (Rejected By Railinc Due To Critical Errors)

How to submit a corrected invoice rejected by Railinc due to critical data errors via the AAR/Railinc Data Exchange system

All invoices with critical data errors are rejected by Railinc upon submission and not forwarded to the Billed Party. All rejected invoices must be corrected and resubmitted as outlined below.

Some examples of critical data errors are:

- All Record 1's (of the same Detail Source group) Total does not match Record 8 (of the same Detail Source group) Subtotal
- Record 8 Subtotal does not match Record 8 Total "ZZ"
- Record 9 Totals do not match sum of the Record 1 charges
- Repairing Party if left Blank
- Billed Party if left blank
- Billing Party/Invoicing Party if left blank, Invoice Number if left blank (Record Format 1 or 6 or 8)
- Account date if left blank (Record Format 1 or 6 or 8)
- Invoice Date if left blank (Record Format 8)
- Invalid or missing required contact types (Record Format 6)

Important Note: Critical data errors are listed in each submitter Inbound Data Exchange Log Report.

Below is an example of an invoice with critical data errors and requirements for submitting corrected records.

U.1 Example Critical Data Errors (found in Record Format 1 only)

BNSF repairs railcar number NATX 123456 during BNSF's account date 1401 (January 2010) and intends to invoice under Invoice Number "654321". BNSF submits the repair records to the Data Exchange system with the following fields filled in:

Billing/Invoicing Party = " " (Note this is incorrect and trips critical error - must be "BNSF")
Billed Party = " " (Note this is incorrect and trips critical error - must be "NATX")
Account Date (YYMM) = " " (Note account date left blank - must be "1001")
Invoice Number = " " (Note invoice number left blank - must be "654321")
Detail Source = "BR" (Billing repair data)
Document Reference Number = spaces (not filled in)
Repairing Party = " " (Note this is incorrect and trips critical error – must be "BNSF")
Repairing Party Invoice Number = "654321"
Repairing Party Document Reference Number = spaces (not filled in)

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

Railinc sends an email to the inbound data submitter (Inbound Data Exchange Log Report) with critical and non critical error details.

Submitter notes critical errors and makes the following corrections and resubmits the entire file (including any and all other invoices/details which were part of the first submission and corrected records) within the same account date period. The last file submitted to Railinc in the submission period will be the only file that Railinc processes for that submission period. If you resubmit only the corrected records, only those records will be processed. The submitter has the opportunity to fix their data file and resubmit the entire file (including corrected records) back to Railinc prior to the published deadline so as to get their monthly billing in for the month.

Important Note:	When resubmitting corrections back to Railinc within the same account date period, the submitter MUST resubmit the entire file with the corrected records, to ensure delivery to their billed party(s). If the records are not corrected and resubmitted with the file during that account date period, the submitter will be responsible for including the rejected invoices in a future data exchange submission.

BNSF corrects the record(s) in error and resubmits all records to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = “BNSF”
Billed Party = “NATX”
Account Date (YYMM) = "1401"
Invoice Number = "654321"
Detail Source = "BR" (Billing repair data)
Document Reference Number = spaces (not filled in)
Repairing Party = “BNSF”
Repairing Party Invoice Number = "654321"
Repairing Party Document Reference Number = spaces (not filled in)

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

U.2 Detail AAR Billing Repair Data Records

When submitting (Detail Source “BR”) AAR billing repair data records to Data Exchange the following fields must be filled in as required based on the repairs performed.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source
- Document Reference Number
- Car Initial
- Car Number
- Kind of Car Symbol
- Load/Empty Indicator
- Repair Date (YYMMDD)
- SPLC
- Repairing Party
- Labor Rate
- Repairing Party Invoice Number
- Repairing Document Reference Number
- Repair Facility Type
- Location on Car
- Quantity
- Condition Code
- Applied Job Code
- Applied Qualifier
- Why Made Code
- Removed Job Code
- Removed Qualifier
- Responsibility Code
- Labor Charge
- Material Charge

- Material Sign
- Machine Priceable Indicator set to “Y” if the AAR price master was used to edit/price the record, otherwise set to “N”
- Wrong Repair Indicator
- Narrative & Wheel Information set to some meaningful description as defined in C.3
- Expanded SPLC
- Line Number
- Resubmitted Invoice Indicator
- Original Invoice Number
- AAR Component ID (CID)
- Original Account Date

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the repairing billing party’s initial
Billed Party must be filled in with the billed party’s initial
Account Date must be filled in with the billing party’s account date (year/month format)
Invoice Number must be filled in with the billing party's invoice number
Detail Source must always be set to "BR" for AAR billing repair data billing
Document Reference Number is conditional. Only required for Detail Source “CB”. Required for CBA number. It could be used to hold a file number or some information assigned by the billing or billed party.
Repairing Party must be filled in with the repairing party’s initial
Repairing Party Invoice Number must be filled in with the repairing party’s invoice number
Repairing Party Document Reference Number filled in with the repairing party’s document reference number if present

	Corrected Invoice Billing Repair Data Example					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Record with Errors**	**Corrected Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	{blank}	BNSF
	Billed Party	6	4	A/N	{blank}	NATX
	Account Date (YYMM)	10	4	N		1001
	Invoice Number	14	16	A/N		654321
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	BR	BR
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	NATX	NATX
	Car Number	52	6	N	123456	123456
	Kind of Car Symbol	58	1	A	T	T
	Load/Empty Indicator	59	1	A/N	E	E
	Repair Date (YYMMDD)	60	6	N	140101	140101
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	{blank}	BNSF
	Repairing Party Invoice Number	76	16	A/N	654321	654321
	Repairing Party Document Reference Number	92	15	A/N		
	Repair Facility Type	107	2	A/N	RT	RT

	Corrected Invoice Billing Repair Data Example					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Record with Errors**	**Corrected Record**
Repair Detail	Location on Car	109	2	A/N	A	A
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	0003	0003
	Condition Code	117	1	A/N	0	0
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	4450	4450
	Applied Qualifier	124	3	A/N	MT	MT
	Why Made Code	127	2	A/N	05	05
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	4450	4450
	Removed Qualifier	135	3	A/N	MT	MT
	Responsibility Code	138	1	A/N	1	1
	Defect Card/JIC Party	139	4	A/N		
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000	000000
	Labor Charge	149	7	N	0002840	0002840
	Material Charge	156	8	N	00000000	00000000
	Material Sign	164	1	A	D	D
	Machine Priceable Indicator	165	1	A	Y	Y
	Wrong Repair Indicator	166	1	A	N	N

	Corrected Invoice Billing Repair Data Example					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Record with Errors**	**Corrected Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR, FREIGHT CAR	LABOR, FREIGHT CAR
	Applied Wheel Date (MMYY)	195	4	N		
	Applied Wheel Manufacture Code	199	2	A/N		
	Applied Wheel Class Code	201	1	A/N		
	Applied Side Reading	202	2	N		
	Applied Finger Reading	204	2	N		
	Removed Wheel Date (MMYY)	206	4	N		
	Removed Wheel Manufacture Code	210	2	A/N		
	Removed Wheel Class Code	212	1	A/N		
	Removed Side Reading	213	2	A/N		
	Removed Finger Reading	215	2	A/N		
	Labor Rate	217	5	N	09468	09468
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N	00001	00001
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		
	Original Invoice Number	307	16	A/N		
	Original Account Date (YYMM)	323	4	N		
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

Appendix V Resubmitting a Revised Invoice Which was Returned Unpaid Per AAR Office Manual Rule 112

How to resubmit an AAR Revised Bill via the AAR/Railinc Data Exchange system

Listed below are guidelines for resubmitting a detailed revised AAR bill that was improperly rendered per Rule 112 or had errors or questionable charges exceeding amounts shown in Rule 112.

V.1 Detail AAR Billing Repair Data Records

Listed below are guidelines for resubmitting the original detailed revised invoice from a returned unpaid submitted invoice. An AAR bill improperly rendered per Rule 112 or had errors or questionable charges exceeding amounts shown in Rule 112 and returned unpaid back from the "Billed Party". When submitting (Detail Source "BR") AAR billing repair data records to Data Exchange, the following fields must be filled in as required based on the repairs performed. Original invoice repairs must be submitted as a standalone invoice and must not be included with a subsequent invoice in later months.

- Record Format (must be "1")
- Billing Party/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source
- Document Reference Number
- Car Initial
- Car Number
- Kind of Car Symbol
- Load/Empty Indicator
- Repair Date (YYMMDD)
- SPLC
- Repairing Party
- Repairing Party Invoice Number
- Repairing Document Reference Number
- Repair Facility Type
- Location on Car
- Quantity
- Condition Code
- Applied Job Code
- Applied Qualifier
- Why Made Code
- Removed Job Code
- Removed Qualifier
- Responsibility Code
- Labor Charge
- Material Charge
- Material Sign
- Machine Priceable Indicator set to "Y" if the AAR price master was used to edit/price the record, otherwise set to "N"
- Wrong Repair Indicator
- Narrative & Wheel Information set to some meaningful description as defined in C.3
- Labor Rate
- Expanded SPLC
- Line Number
- Resubmitted Invoice Indicator = "R"
- Original Invoice Number
- AAR Component ID (CID)
- Original Account Date

The following fields must be filled in as indicated below:

Billing Party/Invoicing Party must be filled in with the billing party's initial
Billed Party must be filled in with the billed party's initial
Account Date (YYMM) must be filled in with the billing party's account date (year/month format)
Invoice Number must be filled in with the billing party's invoice number
Detail Source must always be set to "BR" for AAR billing repair data billing
Repairing Party must be filled in with the repairing party's initial
Repairing Party Invoice Number must be filled in with the repairing party's invoice number
Repairing Party Document Reference Number, if present, must be filled in with the repairing party's document reference number
Resubmitted Invoice Indicator = "R"

Below is an example of an invoice with Rule 112 errors and requirements for submitting revised records.

V.1.1 Rule 112 Example 1—Improperly Rendered Invoice

Railroad XXXX repairs railcar owner ZZZZ during Railroad XXXX's account date 1001 (January 2010) and inadvertently invoices road YYYY under Invoice Number "123456". Railcar owner YYYY takes exception to this invoice as improperly rendered and notifies Railroad XXXX. Railroad XXXX resubmits revised or cancels invoice and submits a new invoice (987654) to ZZZZ. invoice to ZZZZ. Because the data has already passed through Railinc Data Exchange one time Railroad XXXX indicates "R" in Resubmitted Invoice Indicator field.

Railroad XXXX submits the incorrect original repair record to the Data Exchange system with the following fields filled in:

Billing Party/Invoicing Party = "XXXX"
Billed Party = "YYYY" (Note: this was incorrect and should have been ZZZZ)
Account Date (YYMM) = "1401" or "1402"
Invoice Number = "123456" (Note: It is not required to use the original invoice number.) or "987654"
Detail Source = "BR" (Billing repair data)
Document Reference Number = spaces (not filled in)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "123456"
Repairing Party Document Reference Number = "123456" or "987654" if a new invoice was submitted & old one canceled.

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

Railcar owner YYYY notifies Railroad XXXX that the invoices are being returned unpaid because of improper Billed Party. All BRCs were for cars owned by Railcar owner ZZZZ.

Railroad XXXX resubmits revised or cancels invoice and submits a new invoice “987654” to proper car owner ZZZZ to the Data Exchange system with the following fields to the Data Exchange system during Account Date 1402 with the following fields filled in and indicates “R” in Resubmitted Invoice Indicator field for all records in the invoice, Account Month can have the original Account Month or the Account Month in which the data is submitted, “1402”.

Billing Party/Invoicing Party = “XXXX”
Billed Party = “ZZZZ” (Note: this is the revised Billed Party)
Account Date (YYMM) = "1402"
Invoice Number = "123456" (Note: It is not required to use the original invoice number.)
Detail Source = "BR"
Document Reference Number = spaces (not filled in)
Repairing Party = “XXXX”
Repairing Party Invoice Number = "123456" or “987654” if a new invoice was submitted & old one canceled.
Repairing Party Document Reference Number = spaces (not filled in)
Line Number = “00001”
Resubmitted Invoice Indicator = “R” (Note: Because the data has already passed through Railinc Data Exchange one time Railroad XXXX indicates “R” in Resubmitted Invoice Indicator field)
Original Invoice Number = “123456” (Note: Original Invoice Number that was first submitted through Data Exchange)
Original Account Date (YYMM) = “1001” (Note: Original Account Date that was first submitted through Data Exchange)

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

V.1.2 Rule 112 Example 2—Questionable Charges Invoice

Railroad XXXX repairs railcar owner YYYY during Railroad XXXX’s account date 1401 under Invoice Number “123456”. Invoice total is $5000.00. Railcar owner YYYY reviews charges and notes exceptions on the BRC for car YYYY 012345 in the net amount of $1000.00 (Exception taken for labor charge of 13.0 hours for Job Code 4450, Qualifier “MT”). This exception amount exceeds the threshold noted in AAR Office Manual Rule 112. Railcar owner YYYY notifies Railroad XXXX of the questionable charges and that the invoice is being returned unpaid. If Railroad XXXX agrees with exceptions from Car Owner YYYY, XXXX resubmits revised invoice revised or cancels invoice and submits a new invoice (987654) less lines of the exceptions removed from data submission), to the Data Exchange system during Account Date 1402 with the following fields filled in:

Billing Party/Invoicing Party = “XXXX”
Billed Party = “YYYY”
Account Date (YYMM) = "1401"
Invoice Number = "123456"
Detail Source = "BR" (Billing repair data)
Document Reference Number = spaces (not filled in)
Repairing Party = “XXXX”
Repairing Party Invoice Number = "123456"
Repairing Party Document Reference Number = spaces (not filled in)

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

Railcar owner YYYY notifies Railroad XXXX that the invoices are being returned unpaid because of questionable charges exceeding the threshold of AAR Office Manual Rule 112.

Railroad XXXX resubmits revised invoice or cancels invoice and submits a new invoice (987654) during account date 1402 to the Data Exchange system with the following fields filled in and indicates "**R**" in the **Resubmitted Invoice Indicator** field for ***all*** records in the invoice. Account Month can have the Original Account Month or the Account Month in which the data is submitted, "1402".

Billing Party/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date (YYMM) = "1401" or "1402"
Invoice Number = "123456" (Note: It is not required to use the original invoice number.) or "987654"
Detail Source = "BR" (Billing repair data)
Document Reference Number = spaces (not filled in)
Car Initial = "YYYY"
Car Number = "012345"
Repairing Party = XXXX
Repairing Party Invoice Number = "123456" or "987654" if a new invoice was submitted & old one canceled.
Repairing Party Document Reference Number = spaces (not filled in)
Line Number = "00001"
Resubmitted Invoice Indicator = "R" (Note: Because the data has already passed through Railinc Data Exchange one time, Railroad XXXX indicates "R" in Resubmitted Invoice Indicator field)
Original Invoice Number = "123456" (Note: Original Invoice Number that was first submitted through Data Exchange)
Original Account Date (YYMM) = "1401" (Note: Original Account Date that was first submitted through Data Exchange)

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

V.1.3 Rule 112 Example 3—Rejected Invoice, Resubmitted with Additional Billing Repair Data Added to a New Invoice in a Future Billing Month

Railroad XXXX repairs railcar owner YYYY during Railroad XXXX's account date 1401(January 2010) under Invoice Number "123456". Invoice total is $5000.00. Railcar owner YYYY reviews charges and notes exceptions on the BRC for car YYYY 012345 in the net amount of $1000.00 (Exception was an excessive labor charge of 13.0 hours for Job Code 4450, Qualifier "MT"). The revised fields are completed as follows:

Railroad XXXX submits the incorrect original repair record to the Data Exchange system with the following fields filled in:

Billing Party/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date (YYMM) = "1401"
Invoice Number = "123456"

Detail Source = "BR" (Billing repair data)
Document Reference Number = spaces (not filled in)
Repairing Party = “XXXX”
Repairing Party Invoice Number = "123456"
Repairing Party Document Reference Number = spaces (not filled in)

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

Railcar owner YYYY notifies Railroad XXXX that the invoice is being returned unpaid because of questionable charges exceeding the threshold of AAR Office Manual Rule 112. Railroad XXXX submits to Data Exchange the revised BRC(s) on a future Invoice account date 1403 under Invoice Number “234567” with other BRC(s) that were not previously submitted.

If Railroad XXXX agrees with exceptions from Car Owner YYYY, XXXX resubmits revised invoice (less lines of exception), to the Data Exchange system with the following fields and indicates “**R**” in **Resubmitted Invoice Indicator** field for ***all*** records in the invoice that were previously submitted.

Billing Party/Invoicing Party = “XXXX”
Billed Party = “YYYY”
Account Date (YYMM) = "1003"
Invoice Number = "234567" (Note: It is not required to use the original invoice number.)
Detail Source = "BR" (Billing repair data)
Document Reference Number = spaces (not filled in)
Car Initial = “YYYY”
Car Number = “012345”
Repairing Party = XXXX
Repairing Party Invoice Number = "234567"
Repairing Party Document Reference Number = spaces (not filled in)
Line Number = “00001”
Resubmitted Invoice Indicator = “R” (Note: Because the data has already passed through Railinc Data Exchange one time, Railroad XXXX indicates “R” in Resubmitted Invoice Indicator field)
Original Invoice Number = “123456” (Note: Original Invoice Number that was first submitted through Data Exchange)
Original Account Date (YYMM) = “1001” (Note: Original Account Date that was first submitted through Data Exchange)

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

	Example 1—Resubmitting a Revised Invoice which was Returned Unpaid—Improperly Rendered Invoice					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Record**	**Resubmitted Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX	XXXX
	Billed Party	6	4	A/N	YYYY	ZZZZ
	Account Date (YYMM)	10	4	N	1001	1002
	Invoice Number	14	16	A/N	123456	123456 or 987654
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	BR	BR
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	ZZZZ	ZZZZ
	Car Number	52	6	N	012345	012345
	Kind of Car Symbol	58	1	A	T	T
	Load/Empty Indicator	59	1	A/N	E	E
	Repair Date (YYMMDD)	60	6	N	091201	091201
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	XXXX	XXXX
	Repairing Party Invoice Number	76	16	A/N	123456	123456 or 987654
	Repairing Party Document Reference Number	92	15	A/N		
	Repair Facility Type	107	2	A/N	RT	RT

	Example 1—Resubmitting a Revised Invoice which was Returned Unpaid—Improperly Rendered Invoice					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Record**	**Resubmitted Record**
Repair Detail	Location on Car	109	2	A/N	A	A
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	0130	0013
	Condition Code	117	1	A/N	0	0
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	4450	4450
	Applied Qualifier	124	3	A/N	MT	MT
	Why Made Code	127	2	A/N	05	05
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	4450	4450
	Removed Qualifier	135	3	A/N	MT	MT
	Responsibility Code	138	1	A/N	1	1
	Defect Card/JIC Party	139	4	A/N		
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000	000000
	Labor Charge	149	7	N	0127452	0012745
	Material Charge	156	8	N	00000000	00000000
	Material Sign	164	1	A	D	D
	Machine Priceable Indicator	165	1	A	Y	Y
	Wrong Repair Indicator	166	1	A	N	N

Example 1—Resubmitting a Revised Invoice which was Returned Unpaid—Improperly Rendered Invoice						
*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*						
	Field Name	**Column**	**Length**	**Format****	**Original Record**	**Resubmitted Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR, FREIGHT CAR	LABOR, FREIGHT CAR
	Applied Wheel Date (MMYY)	195	4	N		
	Applied Wheel Manufacture Code	199	2	A/N		
	Applied Wheel Class Code	201	1	A/N		
	Applied Side Reading	202	2	N		
	Applied Finger Reading	204	2	N		
	Removed Wheel Date (MMYY)	206	4	N		
	Removed Wheel Manufacture Code	210	2	A/N		
	Removed Wheel Class Code	212	1	A/N		
	Removed Side Reading	213	2	A/N		
	Removed Finger Reading	215	2	A/N		
	Labor Rate	217	5	N	09804	09804
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N	00001	00001
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		R
	Original Invoice Number	307	16	A/N		123456
	Original Account Date (YYMM)	323	4	N		1001
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

	Example 2—Resubmitting a Revised Invoice Which was Returned Unpaid—Questionable Charges Invoice					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Record**	**Resubmitted Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX	XXXX
	Billed Party	6	4	A/N	YYYY	YYYY
	Account Date (YYMM)	10	4	N	1001	1002
	Invoice Number	14	16	A/N	123456	123456 or 987654
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	BR	BR
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	YYYY	YYYY
	Car Number	52	6	N	012345	012345
	Kind of Car Symbol	58	1	A	T	T
	Load/Empty Indicator	59	1	A/N	E	E
	Repair Date (YYMMDD)	60	6	N	091201	091201
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	XXXX	XXXX
	Repairing Party Invoice Number	76	16	A/N	123456	123456 or 987654
	Repairing Party Document Reference Number	92	15	A/N		
	Repair Facility Type	107	2	A/N	RT	RT

	Example 2—Resubmitting a Revised Invoice Which was Returned Unpaid—Questionable Charges Invoice					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Original Record**	**Resubmitted Record**
Repair Detail	Location on Car	109	2	A/N	A	A
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	0130	0013
	Condition Code	117	1	A/N	0	0
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	4450	4450
	Applied Qualifier	124	3	A/N	MT	MT
	Why Made Code	127	2	A/N	05	05
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	4450	4450
	Removed Qualifier	135	3	A/N	MT	MT
	Responsibility Code	138	1	A/N	1	1
	Defect Card/JIC Party	139	4	A/N		
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000	000000
	Labor Charge	149	7	N	0127452	0012745
	Material Charge	156	8	N	00000000	00000000
	Material Sign	164	1	A	D	D
	Machine Priceable Indicator	165	1	A	Y	Y
	Wrong Repair Indicator	166	1	A	N	N

Example 2—Resubmitting a Revised Invoice Which was Returned Unpaid—Questionable Charges Invoice						
*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*						
	Field Name	**Column**	**Length**	**Format****	**Original Record**	**Resubmitted Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR, FREIGHT CAR	LABOR, FREIGHT CAR
	Applied Wheel Date (MMYY)	195	4	N		
	Applied Wheel Manufacture Code	199	2	A/N		
	Applied Wheel Class Code	201	1	A/N		
	Applied Side Reading	202	2	N		
	Applied Finger Reading	204	2	N		
	Removed Wheel Date (MMYY)	206	4	N		
	Removed Wheel Manufacture Code	210	2	A/N		
	Removed Wheel Class Code	212	1	A/N		
	Removed Side Reading	213	2	A/N		
	Removed Finger Reading	215	2	A/N		
	Labor Rate	217	5	N	09804	09804
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N	00001	00001
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		R
	Original Invoice Number	307	16	A/N		123456
	Original Account Date (YYMM)	323	4	N		1001
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

	Example 3—Rejected Invoice, Resubmitted with Additional Billing Repair Data Added to an Invoice in a Future Billing Month					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with* spaces					
	Field Name	**Column**	**Length**	**Format****	**Original Record**	**Resubmitted Record**
	Record Format	1	1	A/N	1	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX	XXXX
	Billed Party	6	4	A/N	YYYY	YYYY
	Account Date (YYMM)	10	4	N	1001	1003
	Invoice Number	14	16	A/N	123456	234567
	Price Master File Indicator	30	1	A/N	U	U
Repair Header	Detail Source	31	2	A/N	BR	BR
	Document Reference Number	33	15	A/N		
	Car Initial	48	4	A	YYYY	YYYY
	Car Number	52	6	N	012345	012345
	Kind of Car Symbol	58	1	A	T	T
	Load/Empty Indicator	59	1	A/N	E	E
	Repair Date (YYMMDD)	60	6	N	091201	091201
	SPLC	66	6	N	380000	380000
	Repairing Party	72	4	A/N	XXXX	XXXX
	Repairing Party Invoice Number	76	16	A/N	123456	234567
	Repairing Party Document Reference Number	92	15	A/N		
	Repair Facility Type	107	2	A/N	RT	RT

	Example 3—Rejected Invoice, Resubmitted with Additional Billing Repair Data Added to an Invoice in a Future Billing Month					
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with* spaces					
	Field Name	**Column**	**Length**	**Format****	**Original Record**	**Resubmitted Record**
Repair Detail	Location on Car	109	2	A/N	A	A
	Reserved for future CRB use	111	1	A/N		
	Reserved for future CRB use	112	1	N	0	0
	Quantity	113	4	N	0130	0013
	Condition Code	117	1	A/N	0	0
	Reserved for future CRB use	118	2	N	00	00
	Applied Job Code	120	4	N	4450	4450
	Applied Qualifier	124	3	A/N	MT	MT
	Why Made Code	127	2	A/N	05	05
	Reserved for future CRB use	129	2	N	00	00
	Removed Job Code	131	4	N	4450	4450
	Removed Qualifier	135	3	A/N	MT	MT
	Responsibility Code	138	1	A/N	1	1
	Defect Card/JIC Party	139	4	A/N		
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000	000000
	Labor Charge	149	7	N	0127452	0012745
	Material Charge	156	8	N	00000000	00000000
	Material Sign	164	1	A	D	D
	Machine Priceable Indicator	165	1	A	Y	Y
	Wrong Repair Indicator	166	1	A	N	N

Example 3—Rejected Invoice, Resubmitted with Additional Billing Repair Data Added to an Invoice in a Future Billing Month						
*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*						
	Field Name	**Column**	**Length**	**Format****	**Original Record**	**Resubmitted Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR, FREIGHT CAR	LABOR, FREIGHT CAR
	Applied Wheel Date (MMYY)	195	4	N		
	Applied Wheel Manufacture Code	199	2	A/N		
	Applied Wheel Class Code	201	1	A/N		
	Applied Side Reading	202	2	N		
	Applied Finger Reading	204	2	N		
	Removed Wheel Date (MMYY)	206	4	N		
	Removed Wheel Manufacture Code	210	2	A/N		
	Removed Wheel Class Code	212	1	A/N		
	Removed Side Reading	213	2	A/N		
	Removed Finger Reading	215	2	A/N		
	Labor Rate	217	5	N	09804	09804
	Expanded SPLC	222	9	N		
	CIF Repairing Party	231	13	A/N		
	CIF Billing/Invoicing Party	244	13	A/N		
	CIF Billed Party	257	13	A/N		
	CIF Defect/JIC Party	270	13	A/N		
	Reserved for future CRB use	283	6	A/N		
	Line Number	289	5	N	00001	00001
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N		
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N		
	Resubmitted Invoice Indicator	306	1	A/N		R
	Original Invoice Number	307	16	A/N		123456
	Original Account Date (YYMM)	323	4	N		1001
	AAR Component ID (CID)	327	14	A/N		
	DDCT Incident ID (XXXX99999999)	341	12	A/N		
	Reserved for future CRB use	353	48	A/N		
	Free User Area	401	100	A/N		

Appendix W Joint Inspection/Defect Card Billing for Retired/Dismantled Unit (Rule 102.D.9)

How to submit joint inspection certificate (JIC) or Defect Card billing via the AAR/Railinc Data Exchange system when a car owner elects to retire/dismantle a damaged car instead of making repairs (per Office Manual Rule 102.D.9)

When an owner receives a car home with a defect card for unfair usage damage or is in possession of a car that has an endorsed JIC, and the owner elects to retire/dismantle instead of repair car and/or rack, charges representing estimated repairs may be made for material and labor as would have been required for repairing or renewing items actually listed on defect card/JIC. For JIC billing in this case, detail source code "JD" (Joint Inspection/Defect Card Billing for Retired/Dismantled Unit) must be used when a car owner elects to retire/dismantle a damaged car instead of making repairs (per Office Manual Rule 102.D.9).

Important Note:	Detail Source "JD" (Joint Inspection/Defect Card Billing for Retired/Dismantled Unit), is **only to be used when** a car owner elects to retire/dismantle a damaged car instead of making repairs (per Office Manual Rule 102.D.9).

When submitting ***detail*** JIC ***original*** records to Data Exchange the following fields must be filled in as required based on the repairs performed.

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source
- Car Initial
- Car Number
- Kind of Car Symbol
- Load/Empty Indicator
- Repair Date (YYMMDD)
- SPLC
- Repair Facility Type
- Repairing Party
- Repairing Party Invoice Number
- Location on Car
- Quantity
- Condition Code
- Applied Job Code
- Applied Qualifier
- Why Made Code
- Removed Job Code
- Removed Qualifier
- Responsibility Code
- Defect Card/JIC Party
- Defect Card/JIC Date
- Labor Charge
- Material Charge
- Material Sign
- Machine Priceable Indicator
- Wrong Repair Indicator
- Narrative & Wheel Information set to some meaningful description as defined in C.3
- Labor Rate
- Expanded SPLC
- Line Number

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the repairing party's initial
Billed Party must be filled in with the billed party's initial
Account Date must be filled in with the repairing party's account date (year/month format)
Invoice Number must be filled in with the repairing party's invoice number
Detail Source must always be set to "JD" for JIC Joint Inspection/Defect Card Billing (Retired/Dismantled Unit)
Document Reference Number is conditional. Only required for Detail Source "CB". Required for CBA number. It could be used to hold a file number or some information that would help the Billing or Billed Party.
Repairing Party must be set to the repairing party's initial
Repairing Party Invoice Number must be set to the repairing party's invoice number
Repairing Party Document Reference Number, if present, must be set to the repairing party's document reference number

Example 1: Railroad YYYY damages car XXXX123456 owned by Car Owner XXXX on November 3, 2013. While in possession of XXXX123456, Car Owner XXXX performs a financial analysis and elects to retire/dismantle XXXX123456 under authority of endorsed JIC dated November 15, 2013 from Railroad YYYY. Car Owner XXXX submits the billing record representing estimated repair costs during Car Owner's January 2014 account month to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date = "1401"
Invoice Number = "12345"
Detail Source = "JD" (Joint Inspection/Defect Card Billing - Retired/Dismantled Unit)
Document Reference Number = spaces (not filled in)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces (not filled in)
Defect Card/JIC Party = "YYYY"
Defect Card/JIC Date = "131115"

The rest of the fields on the Format 1 record are filled in based on the repairs as would have been required.

	Joint Inspection/Defect Card Billing for Retired/Dismantled Unit (Rule 102.D.9) Example				
	Field Name	**Column**	**Length**	**Format****	**Detail Record**
	Record Format	1	1	A/N	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX
	Billed Party	6	4	A/N	YYYY
	Account Date (YYMM)	10	4	N	1401
	Invoice Number	14	16	A/N	12345
	Price Master File Indicator	30	1	A/N	U
Repair Header	Detail Source	31	2	A/N	JD
	Document Reference Number	33	15	A/N	
	Car Initial	48	4	A	XXXX
	Car Number	52	6	N	123456
	Kind of Car Symbol	58	1	A	B
	Load/Empty Indicator	59	1	A/N	E
	Repair Date (YYMMDD)	60	6	N	131115
	SPLC	66	6	N	380000
	Repairing Party	72	4	A/N	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345
	Repairing Party Document Reference Number	92	15	A/N	
	Repair Facility Type	107	2	A/N	CS

Joint Inspection/Defect Card Billing for Retired/Dismantled Unit (Rule 102.D.9) Example (cont'd)					
	Field Name	Column	Length	Format**	Original Detail Record
Repair Detail	Location on Car	109	2	A/N	R
	Reserved for future CRB use	111	1	A/N	
	Reserved for future CRB use	112	1	N	0
	Quantity	113	4	N	0010
	Condition Code	117	1	A/N	0
	Reserved for future CRB use	118	2	N	00
	Applied Job Code	120	4	N	4450
	Applied Qualifier	124	3	A/N	MC
	Why Made Code	127	2	A/N	05
	Reserved for future CRB use	129	2	N	00
	Removed Job Code	131	4	N	4450
	Removed Qualifier	135	3	A/N	MC
	Responsibility Code	138	1	A/N	3
	Defect Card/JIC Party	139	4	A/N	YYYY
	Defect Card/JIC Date (YYMMDD)	143	6	N	131115
	Labor Charge	149	7	N	0009804
	Material Charge	156	8	N	00000000
	Material Sign	164	1	A	D
	Machine Priceable Indicator	165	1	A	Y
	Wrong Repair Indicator	166	1	A	N

	Joint Inspection Certificate (JIC) Examples (cont'd)				
	Field Name	**Column**	**Length**	**Format****	**Original Detail Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	LABOR FREIGHTCAR
	Applied Wheel Date (MMYY)	195	4	N	
	Applied Wheel Manufacture Code	199	2	A/N	
	Applied Wheel Class Code	201	1	A/N	
	Applied Side Reading	202	2	N	
	Applied Finger Reading	204	2	N	
	Removed Wheel Date (MMYY)	206	4	N	
	Removed Wheel Manufacture Code	210	2	A/N	
	Removed Wheel Class Code	212	1	A/N	
	Removed Side Reading	213	2	A/N	
	Removed Finger Reading	215	2	A/N	
	Labor Rate	217	5	N	09804
	Expanded SPLC	222	9	N	
	CIF Repairing Party	231	13	A/N	
	CIF Billing/Invoicing Party	244	13	A/N	
	CIF Billed Party	257	13	A/N	
	CIF Defect/JIC Party	270	13	A/N	
	Reserved for future CRB use	283	6	A/N	
	Line Number	289	5	N	00001
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N	
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N	
	Resubmitted Invoice Indicator	306	1	A/N	
	Original Invoice Number	307	16	A/N	
	Original Account Date (YYMM)	323	4	N	
	AAR Component ID (CID)	327	14	A/N	
	DDCT Incident ID (XXXX99999999)	341	12	A/N	
	Reserved for future CRB use	353	48	A/N	
	Free User Area	401	100	A/N	

Appendix X AAR Component ID (CID) Reporting

How to submit AAR Component ID billing repair data via the AAR/Railinc Data Exchange system to be billed during the Monthly Billing Cycle.

Note: Refer to Appendix W for reporting components under Detail Source JD.

Component Tracking Reporting Requirement Dates Table		
Component	**DX Informational Error**	**DX Mandatory Reject**
Wheel Sets (FM 44)	January 1st 2013	October 1st 2013
Couplers, Side frames, Bolsters (FM 16, 17, 18, 47, 48)	January 1st 2014	July 1st 2014
Service portion, Emergency portion (FM 4)	January 1st 2016	July 1st 2016
Slack Adjusters (FM 8)	October 1st 2016	April 1st 2017
EOC Cushion Units (FM 59)	November 1st 2020	April 1st 2021

Important Note: Job Codes requiring a Component ID are identified in the AAR Price Matrix by the field "CID (Y/N):" where the indicator is shown as "Y" as noted in the example below.

JOB 3333	NEW WHEEL SET 33 INCH, 6 X 11 AXLE					QLFR - 00	RULE 44
SINGLE UNIT LOCATION	1 2 3 4					MAX UNITS	1
ARTICULATED LOCATION	1 2 3 4 5 6 7 8 9 X Y Z					MAX UNITS	1
DRAW BAR LOCATION	1 2 3 4 5 6 7 8 9 P Q R S T U V W X Y Z					MAX UNITS	1
MATL UNIT-- EACH	CID(Y/N):Y	SECUREMENT PART-				SEC. QTY	0.000
REMOVED	COND	WHY MADE	RESP CODE	MATERIAL	STD HRS	LABOR	CREDIT	PRICE
3333	1	09	1,3	2450.00	0.837 (V)	100.44 (V)	0.00	2550.44
3333	1,3,4,5	09	2	0.00	0.000	0.00	0.00	0.00
3333	3	09	1,3	2100.00	0.837 (V)	100.44 (V)	0.00	2200.44
3333	4	09	1,3	1504.80	0.837 (V)	100.44 (V)	0.00	1605.24
3333	5	09	1,3	1528.10	0.837 (V)	100.44 (V)	0.00	1628.54

Listed below are guidelines for submitting AAR Component ID and Billing Repair data.

Note: Refer to AAR Field Manual Rules 4, 8, 16, 17, 18, 44, 47, 48, 59, 81, and/or Rule 72, Section F, for Billing Repair data requirements.

Car Part Codes for Components:

AC – air brake emergency portion
AK – air brake service portion
DD – slack adjuster
FF – truck bolster
FJ – truck side frame
FN – wheel
GQ – cushioning device – end of car
HR – coupler body
QM – pressure relief valve

Note: Refer to AAR Field Manual Rule 83 for additional information.

Detail AAR Billing Repair Data Records

When submitting (Detail Source “BR, DC, DR, JI, JR, OT, RE, SH”) AAR billing repair data records to Data Exchange the following fields must be filled in as required based on the repairs performed:

- Record Format (must be "1")
- Billing/Invoicing Party
- Billed Party
- Account Date (YYMM)
- Invoice Number
- Price Master Currency Indicator
- Detail Source
- Car Initial
- Car Number
- Kind of Car Symbol
- Load/Empty Indicator
- Repair Date (YYMMDD)
- SPLC
- Repairing Party
- Repairing Party Invoice Number
- Repair Facility Type
- Location on Car
- Quantity
- Condition Code
- Applied Job Code
- Applied Qualifier
- Why Made Code
- Removed Job Code
- Removed Qualifier
- Responsibility Code
- Labor Charge
- Material Charge
- Material Sign
- Machine Priceable Indicator set to “Y” if the AAR price master was used to edit/price record, otherwise set to “N”
- Wrong Repair Indicator
- Narrative & Wheel Information set to some meaningful description as defined in C.3
- Labor Rate
- Expanded SPLC
- Line Number
- Resubmitted Invoice Number
- Original Invoice
- Original Account Date
- AAR Component ID (CID)

The following fields must be filled in as indicated below:

Billing/Invoicing Party must be filled in with the repairing party’s initial
Billed Party must be filled in with the billed party’s initial
Account Date must be filled in with the repairing party’s account date (year/month format)
Invoice Number must be filled in with the repairing party's invoice number
Detail Source must be set to one of the following " BR, DC, DR, JI, JR, OT, RE, SH " for AAR billing repair data
Document Reference Number is conditional. It is only required for Detail Source “CB” and is required for CBA number. It could be used to hold a file number or some information that would help the Billing or Billed Party.
Repairing Party must be set to the repairing party’s initial
Repairing Party Invoice Number must be set to the repairing party’s invoice number
Repairing Party Document Reference Number*,* if present, must be set to the repairing party’s document reference number.
Applied Job Code must be filled with a net applied valid job code.
AAR Component ID (CID)*,* must be filled with the unique alpha numeric component identifier for the component being applied. 14 position field.

Example 1: (Note: Not all applicable job codes will be listed in the examples. Not all additional job code components required when reporting a wheel will be listed in the examples. Refer to FM Rule 44.E.2 for details for all required fields.)

Railroad XXXX repairs car owner YYYY's railcar during railroad XXXX's March 2014 account month. Railroad XXXX applies a wheel set with a valid Applied Job Code of 3336 with AAR Component ID of "ABCD1234567890". Railroad XXXX submits the repair records to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date = "1403"
Invoice Number = "12345"
Detail Source = "BR" (Billing repair data)
Document Reference Number = spaces (not filled in)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces (not filled in)
Location on Car = "01"
Applied Job Code = "3336"

AAR Component ID (CID) = "ABCD1234567890"

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

Example 2: (Note: Not all applicable job codes will be listed in the example. Not all additional job code components required when reporting a wheel will be listed in the examples. Refer to FM Rule 44.E.2 for details for all required fields.)

Railroad XXXX repairs car owner YYYY's railcar during railroad XXXX's March 2014 account month. Railroad XXXX applies a wheel set with the valid Applied Job Code of 6999 and the Car Part Code of "FN" with AAR Component ID "ABCD0987654321". Railroad XXXX submits the repair records to the Data Exchange system and fills in the following fields:

Billing/Invoicing Party = "XXXX"
Billed Party = "YYYY"
Account Date = "1403"
Invoice Number = "12345"
Detail Source = "BR" (Billing repair data)
Document Reference Number = spaces (not filled in)
Repairing Party = "XXXX"
Repairing Party Invoice Number = "12345"
Repairing Party Document Reference Number = spaces (not filled in)
Location on Car = "01"
Applied Job Code = "6999"
Car Part Code = "FN"
AAR Component ID (CID) = "ABCD0987654321"

The rest of the fields on the Format 1 record are filled in based on the repairs performed.

	Example 1 - Billing Repair Data Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**Wheelset Record**
	Record Format	1	1	A/N	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX
	Billed Party	6	4	A/N	YYYY
	Account Date (YYMM)	10	4	N	1403
	Invoice Number	14	16	A/N	12345
	Price Master File Indicator	30	1	A/N	U
Repair Header	Detail Source	31	2	A/N	BR
	Document Reference Number	33	15	A/N	
	Car Initial	48	4	A	YYYY
	Car Number	52	6	N	123456
	Kind of Car Symbol	58	1	A	F
	Load/Empty Indicator	59	1	A/N	E
	Repair Date (YYMMDD)	60	6	N	140215
	SPLC	66	6	N	380000
	Repairing Party	72	4	A/N	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345
	Repairing Party Document Reference Number	92	15	A/N	
	Repair Facility Type	107	2	A/N	

	Example 1 - Billing Repair Data Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**Wheelset Record**
Repair Detail	Location on Car	109	2	A/N	01
	Reserved for future CRB use	111	1	A/N	
	Reserved for future CRB use	112	1	N	0
	Quantity	113	4	N	0001
	Condition Code	117	1	A/N	1
	Reserved for future CRB use	118	2	N	00
	Applied Job Code	120	4	N	3336
	Applied Qualifier	124	3	A/N	
	Why Made Code	127	2	A/N	09
	Reserved for future CRB use	129	2	N	00
	Removed Job Code	131	4	N	3336
	Removed Qualifier	135	3	A/N	
	Responsibility Code	138	1	A/N	1
	Defect Card/JIC Party	139	4	A/N	
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000
	Labor Charge	149	7	N	0009281
	Material Charge	156	8	N	00266879
	Material Sign	164	1	A	D
	Machine Priceable Indicator	165	1	A	Y
	Wrong Repair Indicator	166	1	A	N

	Example 1 - Billing Repair Data Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**Wheelset Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	NEW WHEEL SET 36 IN, 1-W, 6 ½ X 12 " AXLE
	Applied Wheel Date (MMYY)	195	4	N	
	Applied Wheel Manufacture Code	199	2	A/N	
	Applied Wheel Class Code	201	1	A/N	
	Applied Side Reading	202	2	N	
	Applied Finger Reading	204	2	N	
	Removed Wheel Date (MMYY)	206	4	N	
	Removed Wheel Manufacture Code	210	2	A/N	
	Removed Wheel Class Code	212	1	A/N	
	Removed Side Reading	213	2	A/N	
	Removed Finger Reading	215	2	A/N	
	Labor Rate	217	5	N	11088
	Expanded SPLC	222	9	N	
	CIF Repairing Party	231	13	A/N	
	CIF Billing/Invoicing Party	244	13	A/N	
	CIF Billed Party	257	13	A/N	
	CIF Defect/JIC Party	270	13	A/N	
	Reserved for future CRB use	283	6	A/N	
	Line Number	289	5	N	
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N	
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N	
	Resubmitted Invoice Indicator	306	1	A/N	
	Original Invoice Number	307	16	N	
	Original Account Date (YYMM)	323	4	N	
	AAR Component ID (CID)	327	14	A/N	ABCD1234567890
	DDCT Incident ID (XXXX99999999)	341	12	A/N	
	Reserved for future CRB use	353	48	A/N	
	Free User Area	401	100	A/N	

	Example 2 - Billing Repair Data Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**Wheelset Record**
	Record Format	1	1	A/N	1
Invoice	Billing/Invoicing Party	2	4	A/N	XXXX
	Billed Party	6	4	A/N	YYYY
	Account Date (YYMM)	10	4	N	1403
	Invoice Number	14	16	A/N	12345
	Price Master File Indicator	30	1	A/N	U
Repair Header	Detail Source	31	2	A/N	BR
	Document Reference Number	33	15	A/N	
	Car Initial	48	4	A	YYYY
	Car Number	52	6	N	123456
	Kind of Car Symbol	58	1	A	F
	Load/Empty Indicator	59	1	A/N	E
	Repair Date (YYMMDD)	60	6	N	140215
	SPLC	66	6	N	380000
	Repairing Party	72	4	A/N	XXXX
	Repairing Party Invoice Number	76	16	A/N	12345
	Repairing Party Document Reference Number	92	15	A/N	
	Repair Facility Type	107	2	A/N	

	Example 2 - Billing Repair Data Example				
	*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*				
	Field Name	**Column**	**Length**	**Format****	**Wheelset Record**
Repair Detail	Location on Car	109	2	A/N	01
	Reserved for future CRB use	111	1	A/N	
	Reserved for future CRB use	112	1	N	0
	Quantity	113	4	N	0001
	Condition Code	117	1	A/N	1
	Reserved for future CRB use	118	2	N	00
	Applied Job Code	120	4	N	6999
	Applied Qualifier / Car Part Code	124	3	A/N	FN
	Why Made Code	127	2	A/N	09
	Reserved for future CRB use	129	2	N	00
	Removed Job Code	131	4	N	6999
	Removed Qualifier / Car Part Code	135	3	A/N	FN
	Responsibility Code	138	1	A/N	1
	Defect Card/JIC Party	139	4	A/N	
	Defect Card/JIC Date (YYMMDD)	143	6	N	000000
	Labor Charge	149	7	N	0000000
	Material Charge	156	8	N	00260000
	Material Sign	164	1	A	D
	Machine Priceable Indicator	165	1	A	N
	Wrong Repair Indicator	166	1	A	N

Example 2 - Billing Repair Data Example					
*** N = Numeric, right justified, leading zeros, A = Alphabetic, left justified, padded with spaces, A/N = Alphanumeric, left justified, padded with spaces*					
	Field Name	**Column**	**Length**	**Format****	**Wheelset Record**
Narrative/Wheel Information	Wheel Narrative (28 char), Non-Wheel (50 char)	167	28	A/N	
	Applied Wheel Date (MMYY)	195	4	N	
	Applied Wheel Manufacture Code	199	2	A/N	
	Applied Wheel Class Code	201	1	A/N	
	Applied Side Reading	202	2	N	
	Applied Finger Reading	204	2	N	
	Removed Wheel Date (MMYY)	206	4	N	
	Removed Wheel Manufacture Code	210	2	A/N	
	Removed Wheel Class Code	212	1	A/N	
	Removed Side Reading	213	2	A/N	
	Removed Finger Reading	215	2	A/N	
	Labor Rate	217	5	N	11088
	Expanded SPLC	222	9	N	
	CIF Repairing Party	231	13	A/N	
	CIF Billing/Invoicing Party	244	13	A/N	
	CIF Billed Party	257	13	A/N	
	CIF Defect/JIC Party	270	13	A/N	
	Reserved for future CRB use	283	6	A/N	
	Line Number	289	5	N	
	Railinc Inbound Date Stamp (YYMMDD)	294	6	N	
	Railinc Outbound Date Stamp (YYMMDD)	300	6	N	
	Resubmitted Invoice Indicator	306	1	A/N	
	Original Invoice Number	307	16	N	
	Original Account Date (YYMM)	323	4	N	
	AAR Component ID (CID)	327	14	A/N	ABCD0987654321
	DDCT Incident ID (XXXX99999999)	341	12	A/N	
	Reserved for future CRB use	353	48	A/N	
	Free User Area	401	100	A/N	

Appendix Y Exceptions and Counter Billing Authority per AAR Office Manual Rule 112.D, 112.H and 120.B

IMPORTANT: Effective January 1, 2026, use of the CRB Electronic Exceptions System is mandatory for submitting billing exceptions, issuing responses, and CBAs (Counter Billing Authority).

When a billed party receives an invoice where the Record Type 1 tax record is submitted in accordance with Appendix N, including car initial and number, tax-related exceptions must be submitted at the individual car level using the CRB Electronic Exceptions System as defined below.

When a billed party receives an invoice where the railcar initial and number are missing from Tax Billing Record Type 1 (Detail Sources PT, QT, GT, HT and IV) and/or aggregate tax billing is submitted as a Record Type 8 (Detail Source ZZ), the billed party may submit an exception via email to the billing party referencing AAR Circular Letter C-14679. After which, a Circular Letter CBA may be issued by the billing party.

Exceptions are a disagreement with a BRC (Billing Repair Card, as defined in Rule 83 exhibit "A") line item, or to an entire BRC, that is brought to the attention of the Billing Party by the Billed Party. Billing exceptions may include, but are not limited to, such issues as incorrect car initials/numbers, incorrect repair dates, incorrect pricing, AAR rule violations, invalid repairs based on car type or car configuration, repairs related to EHMS alerts where no alert is found in the EHMS data, excessive quantities, excessive hours, or excessive material charges.

Y.1 How to Submit Exceptions to a Billing Party for Charges Received for AAR Car Repair Billing

This section lists guidelines for submitting exceptions to a Billing Party.

There are several types of exceptions to AAR Car Repair Bills:

1. Unpaid Invoices – follow AAR OM Rule 112.H

2. Paid Invoices – follow AAR OM Rule 112.H.4

Exceptions and exception communications are handled using the CRB Electronic Exceptions System and are processed in real time. Electronic billing exceptions will be submitted through the CRB Electronic Exceptions System, and once validated, electronically forwarded to the appropriate billing party. Electronic exceptions are herein referred to as "Exception Letters". Billing parties will use this same system to respond to exception letters and either agree, partially agree, or disagree with each exception. Billing parties will also use this system to issue CBAs (Counter Billing Authority) to a billed party when in agreement or partial agreement on a paid invoice as defined in Y.2.

Exception letters shall be submitted at the invoice level and submitted either through an FTP (File Transfer Protocol) mailbox or through an upload function using the CRB Electronic Exceptions Upload on the CRB Dashboard. In either case, every inbound file will be validated before accepted in accordance with Y.1.2. Validated messages will be stored and forwarded to the appropriate receiver. Invalid messages will not be saved and will be rejected. In both cases, the CRB participant(s) listed to receive exception submission notifications for the submitting party will be notified via email of the message validation status. Participant notifications are managed in CRB under the Data Exchange tab and are the responsibility of the participant CRB Content Admin to maintain.

All exception letters submitted shall be formatted in accordance with Y.1.4. Exception letters submitted through an FTP mailbox shall be in in a 500-byte format. Both .txt and .dat files are accepted. Electronic exceptions submitted through the CRB exceptions upload function on the dashboard shall be in .xlsx format. In both cases, the exception message shall be in a .zip file with all applicable attachments. All exception letter submissions and responses shall use the file naming convention as per Y.1.3.

Each Record Format 2 message allows for 1 attachment per record. There is no limit to the number of attachments in the .zip file, however no single attachment can exceed 10 MB. The attachment field is optional and can be used for supporting documentation. Only PDF documents are accepted in the electronic exceptions system. Applicable attachments should be included in the .zip file and the file name of the attachment should be listed in the Record Format 2 message. The exception file will be rejected if any attachments in the .zip file are not correctly listed in the exception message, or an attachment is listed in the message but is not included in the .zip file. File names in the exception message and .zip file must match for validation.

Unpaid Invoices (Invoice Rejection)

Per AAR Office Manual Rule 112.H.3.a, "The unpaid invoice must be returned to the Billing Party no later than 60 days from availability of the data (as defined in Rule 112.H.2)." Exception letters submitted for an unpaid invoice (Invoice Rejection) may be submitted as a header level invoice rejection (no identified exceptions). This is where the entire unpaid invoice is rejected at the header level and no exceptions are identified. When a header level invoice rejection is submitted, the billed party must document in the description section of the message why the invoice is being rejected. The billing party is limited to only one response on header level invoice rejections to indicate agreement or disagreement.

In lieu of a header level invoice rejection, exception letters may be submitted for an unpaid invoice (Invoice Rejection) as a non-header level invoice rejection. A non-header level unpaid invoice rejection must contain all exceptions leading to the invoice rejection for billing party review. Identifying exceptions at the invoice rejection level does not prevent a billed party from identifying additional exceptions or taking exceptions once an invoice is paid. In addition, identifying exceptions on an invoice rejection does not circumvent AAR Office Manual Rule 112.H.4.a.

Paid Invoices

Exception letters submitted for a paid invoice, in accordance with AAR Office Manual Rule 112.H, can be at the BRC Header level and Repair Line level. This exception letter is submitted for billing party consideration of reducing the dollar amount charged. If the exception letter response from the Billing Party (to whom the exception was taken) is not agreed to, a second letter of exception may be submitted debating the issue of charges on outstanding exceptions. Subsequent letters of exception for the same invoice may not contain any new exceptions that were not identified in the first exception letter submitted for the paid invoice. The exception letter count is limited to a maximum of 99 exception letters and 99 responses.

Here is an example of multiple exception letters and responses on the same invoice as defined in Y.1.3:

Note: Initial exception letter must always be 01. Each exception letter after on the same invoice must be previous exception letter +1.

- ABCD_WXYZ_123456_2409_01 (Initial exception letter from billed party to billing party)
- WXYZ_ABCD_123456_2409_01 (Response from billing party to billed party)

- ABCD_WXYZ_123456_2409_02 (Second exception letter from billed party to billing party)
- WXYZ_ABCD_123456_2409_02 (Response to second letter from billing party to billed party)
- ABCD_WXYZ_123456_2409_03 (Third exception letter from billed party to billing party)
- WXYZ_ABCD_123456_2409_03 (Response to third letter from billing party to billed party)

Y.1.1 Examples of Exceptions that are Not Valid

This section contains examples of submitted exceptions that are not acceptable:

- Exceptions being taken to Wheelsets, Draft Gears, and Brake Beams to verify new material. Taking exception using the full price charged. When asked to verify, the amount should be $0 or the difference between new and reconditioned.
- Air hose not out of date (when it is either A/B end issue, or date last air hose was installed combined with age of hose at time of installation meets replacement standards). No verification sent with exception.
- Repair is out of date (when previously rejected multiple times).
- Brake shoe not standard to car (when it is acceptable per AAR rules – also Carmen replace shoes in kind).
- Material price greater than AAR Price Master (when it is not).
- Car does not exist in Umler (when it does or alternately was in Umler at the time of repair).
- Not all exceptions filed at the same time.
- ABT not out of date-documentation provided (data provided is not supported by Railinc).
- Wheel not High Impact at the time of repair-provides graph but no documentation from Railinc.
- "Removed Wheel data does not match previous application" – Not rule based, and no verification provided of what car owner believed was on the car. Billing Party only knows what they applied not what others have billed car owner.
- Car Kind Symbol when it is not applicable to repair made.
- Air brake hose support complete repair not required to maintain height for a Section A defect repair made in accordance with Rule 5.B. Correct Repair Chart to obtain proper height requirement.
- Requests for supplemental supporting documentation not required in Rule 36 Section E for removal of overheated roller bearing (WM 50) and roller bearing temperature performance (WM51) or (WM52).
- The handling line can setout car, at its discretion, to perform and bill a car for a Rule 91 Service Interruption line of road repair to safely accomplish repair instead of slowing train speed and moving car to terminal without setout.
- Load/Empty when it is not applicable to repair made.
- Exceptions to Air Brake tests cannot be taken based on the Qualifier reported.

Y.1.2 Exception Correspondence

This section contains rules for required fields and validations based on exception letter type. Validations are conducted on fields where a mandatory value is required or when data is present in an optional field. Validations are divided into Message Format (EX2), Invoice (EXI), and Attachment (EXA) validations.

Required Fields for Unpaid Invoice Rejection (RJ)

Required Fields for Unpaid Invoice Rejection M=Mandatory, B=Blank, O=Optional			
Billed Party Exception Submissions	**Invoice Rejection Header Level**	**Invoice Rejection BRC Exception**	**Invoice Rejection Repair Line Exception**
Record Format	M (Always 2)	M (Always 2)	M (Always 2)
Billing Party	M	M	M
Billed Party	M	M	M
Account Date	M	M	M
Total Invoice Amount	M	M	M
Invoice Number	M	M	M
DX Outbound Date	B (Produced by Railinc)	B (Produced by Railinc)	B (Produced by Railinc)
Car Initial	B	M	M
Car Number	B	M	M
Repair Date	B	M	M
SPLC	B	M	M
Repairing Party	M	M	M
Invoice Header Level Exception	M (Must be Y)	M (Must be N)	M (Must be N)
BRC Header Level Exception	M (Must be N)	M (Must be Y)	M (Must be N)
Line Number	M (Must be 0)	M (Must be 0)	M
Currency Indicator	M	M	M
Submission Date	B (Produced by Railinc)	B (Produced by Railinc)	B (Produced by Railinc)
Detail Source	M (Must be RJ)	M (Must be RJ)	M (Must be RJ)
Exception Letter Counter	M (Must be 01)	M	M
Exception Description	M	M	M
Amount	M (Must match invoice total)	M (BRC Amount)	M (Repair line amount)
Amount Indicator	B	B	B
Response Indicator	B	B	B
Attachment	O	O	O

Required Fields for Unpaid Invoice Rejection Response (RS)

Required Fields for Unpaid Invoice Rejection Response M=Mandatory, B=Blank, O=Optional			
Billing Party Exception Replies	**Invoice Rejection Header Level**	**Invoice Rejection BRC Exception**	**Invoice Rejection Repair Line Exception**
Record Format	M (Always 2)	M (Always 2)	M (Always 2)
Billing Party	M	M	M
Billed Party	M	M	M
Account Date	M	M	M
Total Invoice Amount	M	M	M
Invoice Number	M	M	M
DX Outbound Date	B (Produced by Railinc)	B (Produced by Railinc)	B (Produced by Railinc)
Car Initial	B	M	M
Car Number	B	M	M
Repair Date	B	M	M
SPLC	B	M	M
Repairing Party	M	M	M
Invoice Header Level Exception	M (Must be Y)	M (Must be N)	M (Must be N)
BRC Header Level Exception	M (Must be N)	M (Must be Y)	M (Must be N)
Line Number	M (Must be 0)	M (Must be 0)	M
Currency Indicator	M	M	M
Submission Date	B (Produced by Railinc)	B (Produced by Railinc)	B (Produced by Railinc)
Detail Source	M (Must be RS)	M (Must be RS)	M (Must be RS)
Exception Letter Counter	M (Must match submitted rejection)	M (Must match submitted rejection)	M (Must match submitted rejection)
Exception Description	M	M	M
Amount	M	M	M
Amount Indicator	B	B	B
Response Indicator	M	M	M
Attachment	O	O	O

Required Fields for Paid Invoice Rejection (EE)

Required Fields for Paid Invoice Exceptions M=Mandatory, B=Blank, O=Optional		
Billed Party Exception Submissions	**BRC Header Level Exception**	**Repair Line Exception**
Record Format	M (Always 2)	M (Always 2)
Billing Party	M	M
Billed Party	M	M
Account Date	M	M
Total Invoice Amount	M	M
Invoice Number	M	M
DX Outbound Date	B (Produced by Railinc)	B (Produced by Railinc)
Car Initial	M	M
Car Number	M	M
Repair Date	M	M
SPLC	M	M
Repairing Party	M	M
Invoice Header Level Exception	M (Must be N)	M (Must be N)
BRC Header Level Exception	M (Must be Y)	M (Must be N)
Line Number	M (Must be 0)	M
Currency Indicator	M	M
Submission Date	B (Produced by Railinc)	B (Produced by Railinc)
Detail Source	M (Must be EE)	M (Must be EE)
Exception Letter Counter	M	M
Exception Description	M	M
Amount	M (BRC Exception Amount)	M (Exception amount for the Repair line)
Amount Indicator	M	M
Response Indicator	B	B
Attachment	O	O

Required Fields for Paid Invoice Exception (EE) Response (EZ, RS)

Required Fields for Paid Invoice Exception Response M=Mandatory, B=Blank, O=Optional						
Billing Party Exception Replies	**BRC Header Level Exception (Agree CBA issued)**	**BRC Header Level Exception (Disagree no CBA issued)**	**BRC Header Level Exception (Partially agree CBA issued)**	**Repair Line Level Exception (Agree CBA issued)**	**Repair Line Level Exception (Disagree no CBA issued)**	**Repair Line Level Exception (Partially agree CBA issued)**
Record Format	M (Always 2)	M (Always 2)	M (Always 2)	M (Always 2)	M (Always 2)	M (Always 2)
Billing Party	M	M	M	M	M	M
Billed Party	M	M	M	M	M	M
Account Date	M	M	M	M	M	M
Total Invoice Amount	M	M	M	M	M	M
Invoice Number	M	M	M	M	M	M
DX Outbound Date	B (Produced by Railinc)	B (Produced by Railinc)	B (Produced by Railinc)	B (Produced by Railinc)	B (Produced by Railinc)	B (Produced by Railinc)
Car Initial	M	M	M	M	M	M
Car Number	M	M	M	M	M	M
Repair Date	M	M	M	M	M	M
SPLC	M	M	M	M	M	M
Repairing Party	M	M	M	M	M	M
Invoice Header Level Exception	M (Must be N)	M (Must be N)	M (Must be N)	M (Must be N)	M (Must be N)	M (Must be N)
BRC Header Level Exception	M (Must be Y)	M (Must be Y)	M (Must be Y)	M (Must be N)	M (Must be N)	M (Must be N)
Line Number	M (Must be 0)	M (Must be 0)	M (Must be 0)	M	M	M
Currency Indicator	M	M	M	M	M	M
Submission Date	B (Produced by Railinc)	B (Produced by Railinc)	B (Produced by Railinc)	B (Produced by Railinc)	B (Produced by Railinc)	B (Produced by Railinc)
Detail Source	M (Must be EZ)	M (Must be RS)	M (Must be EZ)	M (Must be EZ)	M (Must be RS)	M (Must be EZ)
Exception Letter Counter	M (Must match submitted exception)	M (Must match submitted exception)	M (Must match submitted exception)	M (Must match submitted exception)	M (Must match submitted exception)	M (Must match submitted exception)

Required Fields for Paid Invoice Exception Response M=Mandatory, B=Blank, O=Optional						
Billing Party Exception Replies	**BRC Header Level Exception (Agree CBA issued)**	**BRC Header Level Exception (Disagree no CBA issued)**	**BRC Header Level Exception (Partially agree CBA issued)**	**Repair Line Level Exception (Agree CBA issued)**	**Repair Line Level Exception (Disagree no CBA issued)**	**Repair Line Level Exception (Partially agree CBA issued)**
Exception Description	M	M	M	M	M	M
Amount	M (Exception amount for the BRC)	M (0)	M (Exception amount for the BRC)	M (Exception amount for the Repair line)	M (0)	M (Exception amount for the Repair line)
Amount Indicator	M (C)	B	M (C)	M (C)	B	M (C)
Response Indicator	M (A)	M (D)	M (P)	M (A)	M (D)	M (P)
Attachment	O	O	O	O	O	O

Message Validations (EX2) – Validations of the message data

Message Field	Error Code	Description
Record Format	EX2001	Invalid Record Format. Exception messages must be a Format 2.
Billing Party	EX2002	Billing/Invoicing Party Initial - Must be present and alphanumeric
Billed Party	EX2003	Billing/Invoicing Party Initial - Must be present and alphanumeric.
Account Date	EX2004	Must be present and valid numeric date format (YYMM).
Total Invoice Amount	EX2005	Must be present and numeric. Cannot exceed 16 characters.
Invoice Number	EX2006	Must be present and alphanumeric.
Car Initial	EX2007	Car initial Must be present and alphabetic.
Car Initial	EX2008	Car initial must not exceed 4 characters .
Car Initial	EX2009	Car initial must be blank for this type of exception.
Car Number	EX2010	Car number must be numeric and greater than zero.
Car Number	EX2011	Car number cannot exceed six numeric characters.
Car Number	EX2012	Car number must be blank for this type of exception.
Repair Date	EX2013	Repair date must be in YYMMDD format.
Repair Date	EX2014	Repair date cannot be greater than the account date.
Repair Date	EX2015	Repair date must be blank for this type of exception.
SPLC	EX2016	SPLC Must be 9 numeric numbers including trailing zeros and greater than 0.
SPLC	EX2017	SPLC must be blank for this type of exception.
Repairing Party	EX2018	Repairing Party must be present and alphanumeric.
Invoice Header Level Exception	EX2019	Invoice Header Level Exception value must be Y or N.
BRC Header Level Exception	EX2020	BRC Header Level Exception value must be Y or N.
BRC Header Level Exception	EX2021	BRC header level must be N when Invoice Header Level is Y.
Line Number	EX2022	Line Number - Must be numeric and greater than zero.
Currency Indicator	EX2023	Must be 'U' (US) or 'C' (Canada).
Detail Source	EX2024	Detail Source - Must be one of the following: EE, RS, RJ, EZ.
Exception Letter Counter	EX2025	Exception letter number must be a 2-digit numeric number.
Exception Letter Counter	EX2026	Exception letter number must be one greater than the previous exception for the same invoice.
Amount	EX2027	Amount must be a 16-digit numeric number, including any leading zeros.
Amount Indicator	EX2028	Amount indicator - Must be one of the following: D (Debit), C (Credit)
Response Indicator	EX2029	Response indicator must be A, D, P or blank if initial exception.
Line Number	EX2030	Line Number - Must be numeric and equal to zero.
Amount	EX2031	Exception Amount must be equal to Total Invoice amount.
Amount Indicator	EX2032	Amount indicator - must be blank.
Amount	EX2033	Amount must be a 16-digit numeric number equal to Zero, including any leading zeros.
Exception Description	EX2034	Exception Description cannot be blank.

Invoice Validations (EXI) – Validation between exception letter and the invoice

Message Field	Error Code	Description
Billing Party	EXI001	Unable to validate in original invoice.
Billed Party	EXI002	Unable to validate in original invoice.
Submission Date	EXI003	The first exception letter (EE) on the invoice must not be older than seven months from the DX Outbound Date and 10 months from the DX outbound date if leased equipment and must not be in the future.
Invoice Number	EXI004	Invoice number and Account date do not match DX invoice.
Car Initial	EXI005	Car initial does not match invoice.
Car Number	EXI006	Car number does not match invoice.
Repairing Party	EXI007	Unable to validate in original invoice.
Line Number	EXI008	Unable to locate repair line in the invoice.
Submission Date	EXI009	The first invoice rejection on the invoice must not be older than 60 days from the DX Outbound Date.

Attachment Validations (EXA) – Validation between exception letter and included attachments

Message Field	Error Code	Description
Attachment	EXA001	Attachment name(s) cannot exceed 36 characters.
Attachment	EXA002	Only 1 attachment allowed per exception record.
Attachment	EXA003	Unable to locate corresponding attachment.
Attachment	EXA004	Only PDF attachments are allowed.

Y.1.3 Exception File Naming Convention

Each exception letter and response shall use the same file naming conventions. The file names are used to assist in identifying when an exception is submitted, simple identification in the dashboard, and to associate responses with submissions. Exception letters and the .zip container will both use the same naming convention as follows:

SubmitterMark_ReceiverMark_InvoiceNumber_AccountDate_ExceptionLetterNumber

Example of a correctly named zip file:

ABCD_WXYZ_123456_2409_01.zip

Example of exception file inside of zip file including supporting attachments:

Note: Spaces in attachment names must be represented by an underscore.

ABCD_WXYZ_123456_2409_01 (**.dat** or **.txt** for FTP, **.xlsx** for CRB upload)

Attachment_1.pdf

Attachment_2.pdf

Attachment_3.pdf

The first submission of an exception to billing, either an unpaid invoice rejection (Detail Source RJ) or a paid invoice exception (Detail Source EE) must use exception letter number 01 in the naming convention and the exception file name. Each corresponding submission, on the same invoice, using the same detail source, must use the next numerical number from the previous submission.

When an invoice rejection is resolved, and a subsequently issued invoice is then paid, the billed party may still take billing exceptions against the invoice in accordance with AAR Office Manual Rule 112.H. When this occurs, the submission against the paid invoice (Detail Source EE) must again start with exception letter 01. Each corresponding submission, on the same invoice, using the same detail source, must use the next numerical number from the previous submission.

Here is an example of an invoice being rejected and then paid with exceptions:

Note: When the detail source of the exception on the same invoice changes from RJ to EE, the file names will be identical.

Initial invoice submitted to billed party:

- ABCD_WXYZ_123456_2409_01 (Initial invoice rejection from billed party / Detail Source RJ)
- WXYZ_ABCD_123456_2409_01 (Response from billing party to billed party)

Invoice reissued to billed party:

- ABCD_WXYZ_123456_2409_02 (Second invoice rejection on reissued invoice from billed party / Detail Source RJ)
- WXYZ_ABCD_123456_2409_02 (Second response from billing party to billed party)

Invoice reissued by billing party and paid by billed party:

- ABCD_WXYZ_123456_2409_01 (Initial exception letter from billed party to billing party)
- WXYZ_ABCD_123456_2409_01 (Response from billing party to billed party)
- ABCD_WXYZ_123456_2409_02 (Second exception letter from billed party to billing party)
- WXYZ_ABCD_123456_2409_02 (Response to second letter from billing party to billed party)

Excerpt from the AAR Office Manual

The following is an excerpt from Rule 112.H.4 in the *AAR Office Manual*. Refer to the actual *AAR Office Manual* for the most complete and current information.

112.H. Invoice Processing and Auditing Regulations

e. All exceptions must be taken at the same time. (Does not apply to exceptions covered by time limit guarantee, duplicate billing, wrong repairs per Rule 111, Rule 85 material billed per Rule 111, or billing in excess of the car's net settlement value.)

f. Billing Repair Data where exceptions are being taken, must match the original data and must be presented in the format as defined in Rule 83, Exhibit A. The correct information, as shown on the original record of repair, must be furnished.

g. When exceptions are taken to a paid invoice, only the documentation for the repair event(s) with exceptions should be submitted to the Billing Party.

h. Exceptions may be taken by one of the following methods. In either case, reference must be made to invoice number, date of invoice, and accounting month in which charges were included.

(1) Each exception must be fully detailed in the format defined by Rule 112.H.4.b and must be supported by the document defined in Rule 112.H.4.f.

(2) Each exception must be clearly stated and associated to alleged improper line item on face of the document defined in Rule 112.H.4.f.

(3) Exceptions must reference the original line number as submitted by the Billing Party.

Y.1.4 Electronic Exception Letter Format

Record Format 2 - Exceptions to Invoices					
Legend:	N = Numeric			R = Required	
	A = Alphabetic			O = Optional	
	A/N = Alphanumeric			C = Conditional	
Field for Exception Submission	**Column**	**Length**	**Format**	**R/O/C**	**Description**
Record format	1	1	N	R	Always '2' for Exceptions
Billing Party/Invoicing Party	2	4	A/N	R	MARK/Company ID of Railroad, Contractor, Car Owner, Lessor or Running Repair Agent
Billed Party	6	4	A/N	R	MARK/Company ID of Railroad, Contractor, Car Owner, Lessor or Running Repair Agent
Account Date	10	4	N	R	Invoice Account Date (YYMM)
Total Invoice Amount	14	16	N	R	
Invoice Number	30	16	A/N	R	Billing Party Invoice number (Original Billed Invoice Number)
DX Outbound Date	46	6	N		DX Outbound Date will be input by Railinc - Date Invoice was issued (YYMMDD)
Car Initial	52	4	A	R	
Car Number	56	6	N	R	
Repair Date	62	6	N	R	YYMMDD
SPLC	68	9	N	R	Repair shop SPLC
Repairing Party	77	4	A/N	R	If Billing/Invoicing Party is a Running Repair Agent (as found in Appendix H of AAR Office Manual or in FindUs.Rail) show Sponsoring Railroad reporting mark.
Invoice Header Level Exception	81	1	A	R	Y = Yes, N = No
BRC Header Level Exception	82	1	A	R	Y = Yes, N = No
Line Number	83	5	N	R	Repair Line Number
Currency Indicator	88	1	A	R	Invoice currency. U = US, C = Canada
Submission Date	89	6	N		Submission Date will be input by Railinc - Date Exception/Response/CBA Submitted (YYMMDD)
Detail Source	95	2	A	R	EE - Exception RS - Exception Reply RJ - Invoice Rejection EZ - CBA Issued

Record Format 2 - Exceptions to Invoices					
Legend:	N = Numeric			R = Required	
	A = Alphabetic			O = Optional	
	A/N = Alphanumeric			C = Conditional	
Field for Exception Submission	**Column**	**Length**	**Format**	**R/O/C**	**Description**
Exception Letter Counter	97	2	N	R	01 - 99
Description	99	348	A/N	C	Exception text Exception reply text Memo
Amount	447	16	N	R	Exception amount requested Exception amount allowed Exception Threshold Amount
Amount Indicator	463	1	A	R	D - Debit, C - Credit
Response Indicator	464	1	A	C	A - Agree, D - Disagree, P - Partial, blank for initial exception
Attachment	465	36	A/N	O	File name of corresponding attachment

Y.2 Issuing Electronic Counter Billing Authority (CBA)

This section lists guidelines for issuing electronic CBAs to a receiving party.

There are several reasons a CBA is issued:

1. Paid Invoice Exception Response – AAR Rule 112.D
2. MID Inspection – AAR Rule 120.B
3. AAR Circular Letter – AAR Rule 112.D

Per Rule 112.D, "Counter Billing Authority (CBA) will be used for the purpose of monetary adjustment for the parties concerned." CBAs will be issued using the CRB Electronic Exceptions System and processed in real time. CBAs may be issued in response to paid invoice exception letters (Rule 112.D), as the result of an MID Inspection (Rule 120.B), or in response to an AAR Circular Letter claim from a collecting party (Rule 112.D).

All CBA messages shall be formatted in accordance with Y.2.5 as Format 3 messages. Both FTP and the CRB Exceptions Dashboard can be used to submit CBA messages. CBA messages in response to a paid exception will be included with the Type 2 messages in the response file while MID and Circular Letter CBA messages will be submitted as independent messages. All CBA messages submitted through an FTP mailbox shall be in a 500-byte format. Both .txt and .dat files are accepted. CBA Messages submitted through the CRB exceptions upload function on the CRB Exceptions Dashboard shall be in .xlsx format. In all cases, the exception message shall be in a .zip file with all applicable attachments.

When a CBA message is issued in response to a paid invoice exception via FTP in a 500-byte format, the Format 3 CBA message should be the last record in the response, preceded by the Format 2 records. When submitted as a .xlsx upload through the exceptions dashboard, the Format 3 CBA Message will be submitted using the CBA CA Template tab on the "Exception Template with CBA", available for download through the CRB Electronic Exceptions Dashboard.

Each Record Format 3 message allows for 3 attachments per record, 1 in each attachment field. There is no limit to the number of attachments in the .zip file however no single attachment can exceed 10 MB. The Attachment 1 field is mandatory whereas Attachment 2 and Attachment 3 are optional. Attachment 1 must list the file name of the CBA Letter issued and a copy of the CBA Letter must be included in the .zip file. Attachment 2 and 3 can be used for any additional attachments the submitter deems needed for the record. Only PDF documents are accepted in the electronic exceptions system. The CBA file will be rejected if any attachments in the .zip file are not correctly listed in the CBA message, or an attachment is listed in the CBA message but is not included in the .zip file. File names in the exception message and .zip file must match for validation.

Y.2.1 Issuing a Paid Invoice CBA

Exception letters submitted by a billed party to the billing party for a paid invoice, in accordance with AAR Office Manual Rule 112.H are submitted using the CRB Electronic Exceptions System. When a paid invoice exception letter is received, the billing party will respond to each exception letter with a Response Indicator of A (Agree), P (Partially Agree) or D (Disagree). Response Indicators A and P will be accompanied by a Detail Source EZ, indicating a CBA issued for that specific exception. Additionally, an Amount Indicator of C (Credit) or D (Debit) will accompany a Detail Source EZ to indicate if the amount for that exception item is a debit or credit to the receiving party.

When an exception letter response message contains at least 1 Detail Source EZ, a singular electronic CBA with Detail Source CA, must be included in the response. The electronic CBA is in response to that specific exception letter and does not preclude the billed party from submitting additional exception letters in the future for unresolved exceptions. The electronic CBA will be included as a Format 3 Record within the exception response message and should be the last record in the message. All electronic CBA messages must be formatted in accordance with Y.2.4.

Y.2.2 Issuing an MID Inspection CBA

In accordance with AAR Rule 120.B, "Whenever the AAR finds that a specific AAR Interchange Rule(s) has been violated, the Executive Director must direct the payment of refunds or adjustments of responsibility." When this occurs, an electronic CBA will be submitted by the responsible party using Detail Source MI, indicating a CBA issued as a result of an MID Inspection. MID CBAs will be standalone CBA messages and require no request or exception from the receiving party. Additionally, MID CBA messages will not support responses to the CBA in the CRB Electronic Exception System.

Y.2.3 Issuing a Circular Letter CBA

In accordance with AAR Rule 112.D, an AAR Circular Letter may be issued that entitles an affected party to a collection of monies. Once the affected party has satisfied their responsibility in Rule 112.D.2, an electronic CBA will be submitted by the responsible party using Detail Source CL, indicating a CBA issued as a result of an AAR Circular Letter claim. CL CBAs will be standalone CBA messages and will not support responses to the CBA in the CRB Electronic Exception System.

Y.2.4 MID and Circular Letter CBA Naming Convention

Because a CBA with Detail Source CA is included in the exception letter response message, no specific naming convention is required. However, for CBAs issued with Detail Source MI or CL, a specific file naming convention is needed to assist in identifying when a MID or Circular Letter CBA is submitted and display the file correctly in the dashboard. The CBA message and the .zip container will both use the same naming convention as follows:

For MID CBAs:

SubmitterMark_ReceiverMark_MI_CBAReferenceNumber_YYMM.zip

For CL CBAs:

SubmitterMark_ReceiverMark_CL_CBAReferenceNumber_YYMM.zip

Examples of correctly named CBA zip files:

ABCD_WXYZ_MI_CBA123456789098_2505.zip

ABCD_WXYZ_CL_CBA987654321234_2505.zip

Example of CBA file inside of zip file including supporting attachments:

ABCD_WXYZ_MI_ CBA123456789098_2505.zip (.dat or .txt for FTP, .xlsx for CRB upload)

Attachment_1.pdf

Attachment_2.pdf

Attachment_3.pdf

Y.2.5 Electronic Record Format 3 CBA Message, Required Fields and Validations

Record Format 3—CBA Record					
Legend:	N = Numeric A = Alphabetic A/N = Alphanumeric		R = Required O = Optional C = Conditionally Required		
Field Name	**Column**	**Length**	**Format**	**R/O/C**	**Notes**
Record Format	1	1	N	R	Always "3"
Billing/Issuing Party	2	4	A/N	R	This could be a Railroad, Contractor, Car Owner, Lessor or Running Repair Agent
Billed/Receiving Party	6	4	A/N	R	
Exception Letter Date	10	6	N	C	YYMM / Submission Date of the exception letter
Invoice Number	16	16	A/N	C	Invoice number the CBA is being issued to
Account Date	32	4	N	C	YYMM
CBA/Document Reference Number	36	15	A/N	R	
CBA Issue Date	51	6	N	R	YYMMDD
Detail Source	57	2	A	R	CA - CBA Information for Paid Invoice Exception Letter Response MI - MID Inspection CBA CL - Circular Letter CBA
CBA Total Amount	59	16	N	R	Example: 16426872 = $164,268.72
Currency Indicator	75	1	A	R	U = US, C = Canada
MID File Number	76	36	A/N	C	Only for Detail Source MI
Circular Letter Number	112	36	A/N	C	Only for detail Source CL
Issuing Representative	148	200	A	R	
Attachment 1	348	36	A/N	R	A PDF Copy of the CBA Letter
Attachment 2	384	36	A/N	O	
Attachment 3	420	36	A/N	O	
Future Use	456	45	A/N	O	Spaces

Record Format 3 CBA Record Required Fields

Required Fields for CBA Messages M=Mandatory, B=Blank, O=Optional			
Billing Party CBA Fields	**CA - CBA Issued for paid exception response**	**MI - CBA Issued for MID inspection**	**CL - CBA Issued based on a circular letter**
Record Format	M (Always 3)	M (Always 3)	M (Always 3)
Billing/Issuing Party	M	M	M
Billed/Receiving Party	M	M	M
Exception Letter Date	M	B	B
Invoice Number	M	B	B
Account Date	M	B	B
CBA/Document Reference Number	M	M	M
CBA Issue Date	M	M	M
Detail Source	M (Must be CA)	M (Must be MI)	M (Must be CL)
CBA Total Amount	M (Total amount of EZ in the response)	M (Total amount of CBA issued)	M (Total amount of CBA issued)
Currency Indicator	M	M	M
MID File Number	B	M	B
Circular Letter Number	B	B	M
Issuing Representative	M	M	M
Attachment 1	M (Must contain .pdf of CBA)	M (Must contain .pdf of CBA)	M (Must contain .pdf of CBA)
Attachment 2	O (Other supporting documentation)	O (Other supporting documentation)	O (Other supporting documentation)
Attachment 3	O (Other supporting documentation)	O (Other supporting documentation)	O (Other supporting documentation)
Future Use	B	B	B

Message Validations (EX3) – Validations of the Record Format 3 CBA message data

Message Field	Error Code	Description
Record Format	EX3001	Check that record format 3 is submitted when detail source EZ is in the response
Record Format	EX3002	Check that only 1 record format 3 is submitted when detail source EZ is in the response
Record Format	EX3003	Check that record format is 3
Billing/Issuing Party	EX3004	Check for proper data entry
Billed/Receiving Party	EX3005	Check for proper data entry
Exception Letter Date	EX3006	Check for proper data entry
Invoice Number	EX3007	Check the format is correct
Account Date	EX3008	Check the format is correct
CBA Issue Date	EX3009	Check for proper data entry
Detail Source	EX3010	Check for proper data entry
Detail Source	EX3011	Check to ensure no MI or CL in a response message
CBA Total Amount	EX3012	Check for proper data entry
MID File Number	EX3013	Check for proper data when MID CBA
Circular Letter Number	EX3014	Check for proper data when Circular Letter CBA
Issuing Representative	EX3015	Check for proper data entry
Currency Indicator	EX3016	Check for proper data entry
CBA/Document Reference Number	EX3017	Check for data entry value
CBA/Document Reference Number	EX3018	Check for proper data entry
MID File Number	EX3019	Check for expected blank fields
Circular Letter Number	EX3020	Check for expected blank fields
Exception Letter Date	EX3021	Check for expected blank fields
Invoice Number	EX3022	Check for expected blank fields
Account Date	EX3023	Check for expected blank fields
Circular Letter Number	EX3024	Check for expected blank fields
Exception Letter Date	EX3025	Check for expected blank fields
Invoice Number	EX3026	Check for expected blank fields
Account Date	EX3027	Check for expected blank fields
MID File Number	EX3028	Check for expected blank fields

Invoice Validations (EXI) – Validations between Record Format 3 (CBA) and Record Format 2 (exception letter response)

Message Field	Error Code	Description
Billing/Issuing Party	EXI010	Check that Billing Party matches exception response
Billed/Receiving Party	EXI011	Check that Billed Party matches exception response
Invoice Number	EXI012	Check invoice number matches exception response
Account Date	EXI013	Check account date matches response
CBA Total Amount	EXI014	Check total amount is equal to the sum of EZ in the response

Attachment Validations (EXA) – Validation between exception letter and included attachments

Message Field	Error Code	Description
Attachment 1	EXA005	Check to ensure attachment is listed
Attachment 1	EXA006	Check for only 1 attachment
Attachment 1	EXA007	Check for correct attachment format
Attachment 1	EXA008	Check for attachment in zip container
Attachment 2	EXA010	Check for only 1 attachment
Attachment 2	EXA011	Check for correct attachment format
Attachment 2	EXA012	Check for attachment in zip container
Attachment 3	EXA014	Check for only 1 attachment
Attachment 3	EXA015	Check for correct attachment format
Attachment 3	EXA016	Check for attachment in zip container
All Included Attachments in .zip	EXA017	Check attachments in .zip for file type pdf
All Attachment Fields in message	EXA018	Check attachment fields in message for match with container attachments

Appendix Z Sample Documents

This appendix contains sample documents.

Z.1 Invoice Template

The following is a sample invoice that can be used as a template for sending monthly AAR Car Repair invoices from the Billing Party to the Billed Party.

COMPANY LOGO

INVOICING PARTY
ACCOUNTS RECEIVABLE FOR AAR CAR REPAIRS

<INVOICE NUMBER>
<INVOICING/BILLING PARTY>

(BILLED PARTY INITIAL)
BILLED PARTY COMPANY NAME
ADDRESS 1
ADDRESS 2
CITY, STATE, ZIP CODE, COUNTRY

INVOICE NO.: <INVOICE NUMBER>
ACCOUNT DT: YY/MM
INVOICE DT: YYYY/MM/DD

REPAIRS TO CARS IN ACCORDANCE WITH AAR RULES

	CHARGES
Defect Card (DC)	$50,030.13
Billing Repair Card (BR)	$1,209,749.15
<Add'l CRB Categories>	$0
TOTAL INVOICE AMOUNT	**$1,259,779.28**

PLEASE REMIT TO THE FOLLOWING ADDRESS WITH REFERENCE TO ABOVE BILL:
INVOICING PARTY COMPANY

<IP REMIT TO ADDRESS INFO>

DIRECT INQUIRIES TO:
TITLE
INVOICING PARTY COMPANY

<IP INQUIRIES INFO>

DIRECT EXCEPTIONS TO:
TITLE
INVOICING PARTY COMPANY

<IP EXCEPTION HANDLING INFO>