

## Error Codes and Descriptions

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

Error Code	Description
3	Repair Facility Arrival Date (YYMMDD)—If present, must not be greater than Repair Date.
5	SPLC—Must be numeric and greater than zero. Tax codes, DE, DM and CB will be excluded.
6	Repair Date (YYMMDD)—Must be numeric and a valid date (00-99 (Year-YY), 01-12 (Month-MM), and 01-31 (Day-DD)). Must be within 13 months of Accounting Month and must not be in the future. If a resubmitted invoice, then must not be older than 24 months from the current Accounting Month and not be in the future.
8	Material Charge—Must be Numeric.
1B	Billing/Invoicing Party Initial—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billing/Invoicing Party.
1C	Billed Party—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billed/Invoiced Party.
1D	Account Date (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.
1E	Invoice Number—Must be present and alphanumeric.
1F	Price Master Currency Indicator—Must be 'U' (US) or 'C' (Canada).
1G	Document Reference Number—Required for CBA number. Must be present for detail source CB.
1H	Applied Job Code/Removed Job Code/Detail Source—Applied and Removed Job Code 5199 valid only with Detail Source DE, Responsibility Code 3. (Detail Source DE only valid with Applied/Removed Job Code 5199, Responsibility Code 3.)

Error Code	Description
1I	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.)
1J	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.
1K	Material Sign—Must be D or C. D=Debit, C=Credit.
1L	Machine Priceable Indicator—Must be Y, H, or N. Y = Priceable, H = Hybrid, N = Non-Priceable.
1M	Wrong Repair Indicator—Must be Y, N, or Blank. Formerly known as Penalty Indicator.
1N	Expanded SPLC—If present, must be numeric and greater than zero. Tax codes CB, DE, and DM will be excluded.
1P	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.
1Q	Resubmitted Invoice Indicator—If present, must be R.
1R	Original Invoice Number—If resubmitted indicator = R, must be present and alphanumeric.
1S	Original Account Date (YYMM)—If resubmitted indicator = R, must be present and numeric.
1T	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.
1U	Wrong Repair Indicator—If Wrong Repair Indicator = "Y" and Manually Priced = "Y" or "H", then Labor and Material charges must be 0.
1V	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.

<b>Error Code</b>	<b>Description</b>
1W	SPLC—Must be a registered SPLC. Tax Codes, DE, DM, and CB Detail Source are excluded.
1X	Car Initial/Car Number—Combination is not registered in Umler at time of billing. Tax Codes, CB, DE, DM and JD Detail Sources are excluded.
1Y	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.
2A	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.
2B	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.
2D	DDCT Incident ID (XXXX99999999)—If present must be 2-4 letters and 8 numbers with no spaces between alpha and numeric characters.
2E	Applied Job Code—If Machine Priceable = “N”, must be present and numeric.
2F	Condition Code—If Machine Priceable = “N”, must be present and alphanumeric. Detail source CB excluded.
2G	Removed Job Code—If Machine Priceable = “N”, must be present and numeric.
2H	Why Made Code—If Machine Priceable = “N”, must be present and alphanumeric. Detail source CB excluded.
2T	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.
2V	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.
2Y	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.

Error Code	Description
3T	Repair Date (YYMMDD)—Cannot be greater than the Account Date. Must be within 7 months of current date when submitted with Detail Source DC, DE, DM, and MA. 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.
3V	AAR Component ID (CID)—For certain job code / detail source combinations, AAR Component ID. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.
3Y	AAR Component ID (CID)—For invoices with Repair Date prior to Mandatory Reject Date should be registered within the Umler Component Registry. See Appendix X for details. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.
4T	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. Mandatory reject applies to repair dates January 1, 2021 and greater.
4Y	AAR Component ID (CID)—Must be unique within an invoice. Applies to Detail Sources BR, DC, JI, OT, and SH.
5T	Repair Date (YYMMDD)—Cannot be greater than the Account Date. Must be within 4 months of current date when submitted with Detail Sources 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. Mandatory reject applies to repair dates January 1, 2022 and greater.
5Y	AAR Component ID (CID)—AAR Component ID billed as a purchased core wheel set must be registered within the Umler Component Registry as a purchased core wheel set. Applies to Detail Source BR, DC, DR, JI, JR, OT, RE, and SH.
6B	Billing/Invoicing Party Initial—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billing/Invoicing Party.
6C	Billed Party—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billed/Invoiced Party.
6D	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.

Error Code	Description
6E	Invoice Number—Must be present and alphanumeric.
6F	Price Master Currency Indicator—Must be 'U' (US) or 'C' (Canada).
6G	Contact Type—Valid mandatory values are RT=Remit To, IQ=Inquires, EX=Exceptions, IP=Billing/Invoicing Party, BP=Billed Party.
6H	Company Name—Must be present and alphanumeric.
6I	Name—Optional.
6J	Title—If present, must be alphanumeric. Required for Contact Type RT, IQ, IP, and EX.
6K	Phone—If present, must be alphanumeric. Required for Contact Type RT, IQ, IP, and EX.
6L	Fax—If present, must be alphanumeric.
6M	Email—If present, must be alphanumeric. Required for Contact Type RT, IQ, IP, and EX.
6N	Street Address 1—Must be present and alphanumeric.
6R	City—Must be present and alphabetic.
6S	State/Province—Must be present and alphabetic.
6T	Country Code—Must be US, CA or MX.
6U	Zip/Postal Code—Must be present and alphanumeric.
6V	Contact Type RT (Remit To)—Record must be present.
6W	Contact Type IQ (Inquiries)—Record must be present.

<b>Error Code</b>	<b>Description</b>
6X	Contact Type EX (Exceptions)—Record must be present.
6Y	Contact Type IP (Billing/Invoicing Party)—Record must be present.
6Z	Contact Type BP (Billed Party)—Record must be present.
7T	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. Mandatory reject applies to repair dates January 1, 2022 and greater.
8B	Billing/Invoicing Party Initial—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billing/Invoicing Party.
8C	Billed Party—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billed/Invoiced Party.
8D	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.
8E	Invoice Number—Must be present and alphanumeric.
8F	Price Master Currency Indicator—Must be 'U' (US) or 'C' (Canada).
8G	Detail Source—Must be one of the following: BR, CB, DC, DE, DM, DR, GB, GT, HT, IV, JI, JR, MA, OT, PT, QT, RE, SH, ZZ.
8H	Record Count—Must be present and numeric.
8I	Labor Charge—Must be present and numeric. Sum of all Labor Charges for Format 8 Records with Detail Source ZZ (invoice total).
8J	Material Charge—Must be present and numeric.
8K	Sign—Must be present. Valid values are D (Debit) and C (Credit). This applies to Material Charge.

Error Code	Description
8L	Invoice Date—Must be present and a valid numeric date format (YYMMDD).
8M	Tax Payer Id—If present, must be alphanumeric. Required on invoice total (ZZ) for all transactions.
8N	Payment Terms—If present must be numeric.
8O	Payment Due Date—If present, must be numeric.
8P	Billing/Invoicing Party Initial—Must exist in FindUs.Rail for contact types RT, IQ, EX, and IP. RTUSA, RTMEX and RTCAN can be used in place of RT.
8Q	Account Date (YYMM)—Must match for records (Format 1/6/8) per invoice. (vertical edit)
8T	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. Mandatory reject applies to repair dates January 1, 2022 and greater.
9B	Billing/Invoicing Party Initial—Must be present and alphanumeric. This should be a Railinc registered identifier of the Billing/Invoicing Party.
9D	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.
9G	Record Count—Must be present and numeric. Total number of Format 1 Records.
9H	Labor Charge—Must be present and numeric. Sum of all Labor Charges for Format 8 Records with Detail Source ZZ (invoice total).
9J	Material Charge—Must be present and numeric. Sum of all Material Charges for Format 8 Records with Detail Source ZZ (invoice total).
9K	Sign—Must be present. Valid values are D (Debit), C (Credit). This applies to Material Charge.
A	Detail Source—Must be one of the following: BR, CB, DC, DE, DM, DR, GB, GT, HT, IV, JI, JR, MA, OT, PT, QT, RE, SH.

Error Code	Description
B	Load/Empty Indicator—Must be L, E or U. (Blank allowable for Detail Source GB). Tax codes and CB will be excluded.
C	Repair Facility Type—Must be one of the following: BS, CS, ET, RT, LR, or blank.
D	Labor Rate—If present, must be numeric.
H	Car Initial—Must be present and alphabetic. This should be the reporting mark of the car. Tax codes and CB will be excluded.
I	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.
J	Car Number—Must be numeric and greater than zero. Tax codes and CB will be excluded.
K	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.
K1	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.
L	Labor Charge—Must be Numeric.
M	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.
N	Wheel Narrative (28 char), Non-Wheel (50 char)—Must be alphanumeric.
P1	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.
P2	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.



Error Code	Description
Q	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.
R	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.
R2	Price Master Currency Indicator/Applied Job Code/Condition Code/Removed Job Code/Why Made Code/Responsibility Code—If Machine Priceable Indicator = “Y” or “H”, the combination of these fields must be in the price master for that repair date.
S	<p>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:</p> <ul style="list-style-type: none"> <li>• If Price Master Qualifier is numeric, may not exceed highest numeric qualifier applicable to the Job Code.</li> <li>• If first character of qualifier = “Z”, no edit. (Note: If Price Master qualifier = ‘00’, no Price Master edit)</li> </ul> <p>(Note: If Machine Priceable = “N”, see Z2, Z3, and Z8.)</p> <p>(Note: Applied Qualifier and Car Part Code are mutually exclusive and share the same field within the 500-byte record. See Car Part Code below.)</p>
S1	<p>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.</p> <p>(Note: Applied Qualifier and Car Part Code are mutually exclusive and share the same field within the 500-byte record. See Applied Qualifier above.)</p>
T1	Applied Wheel Date (MMYY)—Must not be greater than Repair Date. Detail source JD will be excluded.
T2	Applied Wheel Manufacturer Code—Must be present. Detail source JD will be excluded.
T3	Applied Wheel Class Code—Must be B, C, D, U or blank.
T4	Applied Side Reading—Must be numeric. Must be between 16 and 50. Detail source JD will be excluded.

Error Code	Description
T5	Applied Finger Reading—Must be numeric (Must be 00 or 01). Detail source JD will be excluded.
U	<p>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:</p> <ul style="list-style-type: none"> <li>• If Price Master Qualifier is numeric, may not exceed highest numeric qualifier applicable to the Job Code.</li> <li>• If first character of qualifier = “Z”, no edit.</li> </ul> <p>(Note: If Price Master qualifier = ‘00’, no Price Master edit)</p> <p>(Note: Removed Qualifier and Car Part Code are mutually exclusive and share the same field within the 500-byte record. See Car Part Code below.)</p>
U1	<p>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.</p> <p>(Note: Removed Qualifier and Car Part Code are mutually exclusive and share the same field within the 500-byte record. See Removed Qualifier above.)</p>
V	Responsibility Code—Must be numeric; If Machine Priceable = “Y” or “H”, must be 1, 2 or 3. Detail source CB will be excluded.
V1	AAR Component ID (CID)—AAR Component ID billed as New must be registered within the Umler 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.
V2	AAR Component ID (CID)—AAR Component ID billed as Turned must be registered within the Umler 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.
V3	AAR Component ID (CID)—AAR Component ID billed as Secondhand must be registered within the Umler 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.
V4	AAR Component ID (CID)—AAR Component ID billed as Reconditioned must be registered within the Umler 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.

Error Code	Description
V5	AAR Component ID (CID)—AAR Component ID billed as Upgraded must be registered within the Umler 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.
W	Defect Card/JIC Party—If Responsibility Code=3, must be present.
X	Defect Card/JIC Date (YYMMDD)—If Responsibility = 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).
Y1	Removed Wheel Date (MMYY)—Must not be greater than Repair Date. Detail source JD will be excluded.
Y2	Removed Wheel Manufacturer Code—Must be present. (If unknown or illegible use XX.) Detail source JD will be excluded.
Y3	Removed Wheel Class Code—Must be B, C, D, U or blank.
Y4	Removed Side Reading—Must be numeric. (For Pricing and Edit must be 00 or 10 through 50.) Detail source JD will be excluded.
Y5	Removed Finger Reading—Must be numeric and must not be greater than 09. Detail source JD will be excluded.
Z1	Non Machine Priceable Record—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 Field Manual Rule 72.
Z2	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”.
Z3	Non Machine Priceable Record—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).
Z4	Responsibility code must be 3 if the Detail Source specified is DC, DE, DR, JD, JI, JR or MA.
Z5	Responsibility code must be 1 or 2 if the Detail Source specified is BR or GB.
Z6	Why Made Code must be 25 and Condition Code = “2” or “T” if the Job Code specified is 3399.

<b>Error Code</b>	<b>Description</b>
Z7	Labor and Material prices must match the current couplet in the Price Master when Machine Priceable = "Y".
Z8	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).
Z9	Detail Source GB—If Detail Source=GB then the job code must be a Group Billable job code. Reference to AAR OM Rule 112.