

MARTS



ASSOCIATION OF
AMERICAN RAILROADS

Comprehensive Equipment Performance Monitoring

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- Industry initiative that will provide a means to identify major components on freight cars.





***Field Manual of AAR Interchange Rules
July 2012***

***Rules For CEPM
Wheel Sets***



Rule 44 – Wheel Sets

New B.5

All wheel set replacements / transfers must be reported by the repairing party along with the applied wheel set AAR Component ID to Railinc (See OM Rule 93), reporting should be within 24 hours of the repair event. The AAR Component ID can be found on the wheel set tag or may be obtained from Railinc for any wheel sets produced after July 2012. For any wheel set being transferred or for wheel sets produced prior to July 2012, the AAR Component ID may be generated/acquired by performing a field registration at www.railinc.com.

Sample Image of Wheel set Barcode tag



- The first component to be handled are wheel sets.
- July 1, 2012 all wheel set manufactures or re-conditioners are required to register wheel sets at Railinc



Rule 44 – Wheel Sets

FM Rule 44 Figure A page 355 to include a column for AAR Component ID, (two parts) Company Code and 10-digit number.

ASSOCIATION OF AMERICAN RAILROADS - BILLING REPAIR CARD																							
REPAIRING PARTY <u>ABCR</u>					REPAIRING PARTY INVOICE NO. _____					DOCUMENT REFERENCE NO. _____													
CAR INITIAL <u>ACCR</u>					CAR NUMBER <u>654321</u>					KIND of CAR <u>B</u>					LOAD/EMPTY <u>E</u>								
REPAIR DATE <u>09/13/11</u>					SPLC <u>999999</u>					REPAIR FACILITY TYPE <u>RT</u>					DEFECT CARD PARTY _____								
DETAIL SOURCE <u>BR</u>					DEFECT CARD DATE _____																		
Location on Car	QTY	CC	Job Code App	QFR	Description of Repairs Made	AAR Component ID	Wheel Reporting Information												Why Made Code	Job Code Rmvd	QFR	Resp Code	Net Charge
							APPLIED WHEEL						REMOVED WHEEL										
							MO	YR	MFR	CLS	Side	Fng	MO	YR	MFR	CLS	Side	Fng					
R1	1	7	3021	02	Wheel, 33 inch, 1W HT-CP		09	10	SW	B	23	00	04	99	JW	B	16	08	60	3031	02	1	
L1	1	7	3021	02	Wheel, 33 inch, 1W HT-CP		09	10	SW	B	23	00	04	99	JW	B	16	02	90	3031	02	1	
R1	1	1	2814	01	Roller Bearing, 6 x 11														11	2814	03	1	
L1	1	1	2814	01	Roller Bearing, 6 x 11														11	2814	03	1	
1	1	1	3274		Axle - RWS, 6 X 11 inch														11	3274		1	
1	1	1	3333		New Wheel Set, 33 Inch	ABCD1234567890													09	3333		1	
R2	1	7	3021	02	Wheel, 33 inch, 1W HT-CP		08	10	GC	B	23	00	04	99	JW	B	16	08	60	3031	02	1	
L2	1	7	3021	02	Wheel, 33 inch, 1W HT-CP		08	10	GC	B	23	00	04	99	JW	B	16	02	90	3031	02	1	
R2	1	3	2814	03	Roller Bearing, 6 x 11														11	2814	03	1	
L2	1	3	2814	03	Roller Bearing, 6 x 11														11	2814	03	1	
2	1	2	3274		Axle - RWS, 6 X 11 inch														11	3274		1	
2	1	3	3333		New Wheel Set, 33 Inch	ABCD1234567891													09	3333		1	
R3	1	7	3021	02	Wheel, 33 inch, 1W HT-CP		09	10	SW	B	23	00	04	99	JW	B	16	05	64	3031	02	1	
L3	1	7	3021	02	Wheel, 33 inch, 1W HT-CP		09	10	SW	B	23	00	04	99	JW	B	16	00	90	3031	02	1	
R3	1	1	2814	01	Roller Bearing, 6 x 11														11	2814	03	1	
L3	1	1	2814	01	Roller Bearing, 6 x 11														11	2814	03	1	
3	1	3	3274		Axle - RWS, 6 X 11 inch														11	3274		1	
3	1	4	3333		New Wheel Set, 33 Inch	ABCD1234567892													09	3333		1	
R4	1	7	3021	02	Wheel, 33 inch, 1W HT-CP		08	10	GC	B	23	00	04	99	JW	B	16	05	64	3031	02	1	
L4	1	7	3021	02	Wheel, 33 inch, 1W HT-CP		08	10	GC	B	23	00	04	99	JW	B	16	00	90	3031	02	1	
R4	1	3	2814	03	Roller Bearing, 6 x 11														11	2814	03	1	
L4	1	3	2814	03	Roller Bearing, 6 x 11														11	2814	03	1	
4	1	1	3274		Axle - RWS, 6 X 11 inch														11	3274		1	
4	1	5	3333		New Wheel Set, 33 Inch	ABCD1234567893													09	3333		1	
																			TOTAL				

FIGURE A

- It will be important to have what ever billing system you use enhanced to accept CID information.



Rule 44 – Wheel Sets

FM Rule 44.F.10

AAR Component ID

- a. Show assigned AAR Component ID for the applied wheel set.
- Section F component repair rules has been adjusted to require the reporting of the CID code for registered components.



Rule 44 – Wheel Sets

Rule 44 Job codes

Replace JC 3999 with JC 6999

6999– To be used only when there is no specific job code for a component that requires the reporting of an AAR Component I.D. Report car part identification code “FN” for applied wheel set and report the applicable location.

- To properly report components but no specific job code exist, a new job code has been created for reporting components under Rule 72.



Rule 72 – Manufactured Material

F.9 (New)

6999 – To be used only when there is no specific job code for a component that requires the reporting of an AAR Component I.D. 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.

- The 6999 job code was added to Rule 72 with a generic description



Rule 83 – Preparation Of Original Record Of Repair And Billing Repair Data

10. AAR Component ID must be reported when required by a specific rule.

- New paragraph 10 was added to the requirements for reporting CID when required by a specific Rule.



Field Manual of AAR Interchange Rules 2013

Rules For CEPM Castings

- CRB and ARB will review during the October meetings the CEPM requirements for casting components, couplers, side frames and bolsters.



Rules 16, 17 and 18 Couplers

Proposed New FM 16.B.16, 17.B.14 an 18.B.14

All coupler replacements / transfers must be reported by the repairing party along with the applied coupler AAR Component ID to Railinc (See OM Rule 93), reporting should be within 24 hours of the repair event. The AAR Component ID can be found on the coupler tag or may be obtained from Railinc for any coupler produced after (*Month and Year*). For any coupler being transferred or for coupler produced prior to (*Month and Year*), the AAR Component ID may be generated/acquired by performing a field registration at www.railinc.com.

New FM Rule 16, 17, 18 –F.10

AAR Component ID

- a. Show assigned AAR Component ID for the applied coupler.

Proposed FM Rule 16, 17 and 18 Job codes

Add JC 6999

Rule 16, 17 AND 18 –

6999 – To be used only when there is no specific job code for a component that requires the reporting of an AAR Component I.D. Report car part identification code “HR” for applied wheel set and report the applicable location.



Rule 47 Bolsters

Proposed New FM 47.B.10

All bolster replacements / transfers must be reported by the repairing party along with the applied bolster AAR Component ID to Railinc (See OM Rule 93), reporting should be within 24 hours of the repair event. The AAR Component ID can be found on the bolster tag or may be obtained from Railinc for any coupler produced after (*Month and Year*). For any bolster being transferred or for bolsters produced prior to (*Month and Year*), the AAR Component ID may be generated/acquired by performing a field registration at www.railinc.com.

Purposed New FM Rule 47 – F.10

AAR Component ID

- a. Show assigned AAR Component ID for the applied bolster.

Proposed FM Rule 47 Job codes

Add JC 6999

6999 – To be used only when there is no specific job code for a component that requires the reporting of an AAR Component I.D. Report car part identification code “FF” for applied wheel set and report the applicable location.



Rule 48 Side Frames

Proposed New FM 48.B.10

All side frame replacements / transfers must be reported by the repairing party along with the applied side frame AAR Component ID to Railinc (See OM Rule 93), reporting should be within 24 hours of the repair event. The AAR Component ID can be found on the side frame tag or may be obtained from Railinc for any side frame produced after (*Month and Year*). For any side frame being transferred or for side frames produced prior to (*Month and Year*), the AAR Component ID may be generated/acquired by performing a field registration at www.railinc.com.

New FM Rule 48 – F.10

AAR Component ID

- a. Show assigned AAR Component ID for the applied bolster.

Proposed FM Rule 48 Job codes

Add JC 6999

- 6999 – To be used only when there is no specific job code for a component that requires the reporting of an AAR Component I.D. Report car part identification code “FJ” for applied wheel set and report the applicable location.



FM & OM Appendix A - Definitions

AAR Component ID (CID) - The AAR Component ID is found in the AAR standard bar code format 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).

S-920

- A description of component ID was added to Appendix A - Office and Field Manual.



Office Manual of the AAR Interchange Rules

- Along with the changes made to the field manual some administrative rule are purposed to change in the Office Manual.



Rules 16, 17 and 18

Proposed New OM 16.1, 17.1, 18.1

All coupler replacements / transfers must be reported by the repairing party along with the applied coupler AAR Component ID to Railinc (See OM Rule 93), reporting should be within 24 hours of the repair event.

Purposed New OM Rule 93.12 – Train II and UMLER Reporting Procedures (January 2013)

12. All car owners, repair shops and repair tracks must ensure that the AAR Component IDs for couplers applied to freight cars are reported into UMLER. The AAR Component IDs must be in the form prescribed by the current UMLER Data Specification Manual and Railinc Car Repair Billing Procedures Manual and may be reported via the following:

- UMLER web site
- Repair web service
- EHMS website
- EHMS web service
- CRB 500 byte (Car Repair Billing) FTP
- CRB Web site

The instruction manuals for these applications can be accessed at www.railinc.com.

Effective 1/1/2013



Rule 44 – Wheel Sets

- 8.** All wheel set replacements/transfers must be reported by the repairing party along with the applied wheel set AAR Component ID to Railinc (See OM Rule 93), reporting should be within 24 hours of the repair event.
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- If a car owners moves registered components to a different location on a freight car they must report the changes.

Effective 1/1/2013



Rule 47 Bolsters

Proposed New OM 47.1 (Re-number section)

All bolster replacements / transfers must be reported by the repairing party along with the applied bolster AAR Component ID to Railinc, reporting should be within 24 hours of the repair event



Rule 48 Side Frames

Proposed New OM 48.1 (Re-number section)

All side frame replacements / transfers must be reported by the repairing party along with the applied side frame AAR Component ID to Railinc, reporting should be within 24 hours of the repair event.



RULE 93 – TRAIN II® & UMLER Reporting Procedures

Effective (January 2013)

11. All car owners, repair shops and repair tracks must ensure that the AAR Component IDs for wheelsets applied to freight cars are reported into UMLER. The AAR Component IDs must be in the form prescribed by the current UMLER Data Specification Manual and Railinc Car Repair Billing Procedures Manual and may be reported via the following:

UMLER web site

Repair web service

EHMS website

EHMS web service

CRB 500 byte (Car Repair Billing) FTP

CRB Web site

The instruction manuals for these applications can be accessed at www.railinc.com.



Questions / Comments