

**Equipment Instructions****March 09, 2023****EI-0033****File Number: TWBL-18A.6****Subject: NSC Loose Wheels****To: All Subscribers**

A member railroad has experienced three loose wheels in the subject car series. These cars are new builds. This advisory is issued to inspect and remove from service wheel sets that were mounted by National Steel Car (NSC-T) in the date range between 08-22 and 03-23 inclusive. These wheels sets are at an increased risk of an out of gage derailment.

All cars included in this advisory must be inspected for the wheel sets in question and reported as outlined below. Any cars, loaded or empty, found so equipped must have the NSC-T mounted wheel sets removed immediately as directed below. If available, replace suspect wheel sets with new wheel sets. Handle in accordance with the instructions for identification, inspection and counter billing outlined below.

Suspect Wheel Set Determination:

1. Car Series:
 - NS 162390 – 162749
 - NKLX 400000 – 400314
2. H-36 Wheel
3. Wheel Shop Mark: NSC T
4. Wheel Mounting Dates: 08-22 to 03-23 inclusive. (on one field side hub face)

Inspection Procedure and Determination

1. Inspect all wheel sets of each suspect car for wheel shop mark and wheel mounting date stamp. Both are located on the field side hub face of only one wheel per wheel set. The mate wheel will not have a mounting stamp. Refer to AAR Field Manual, Rule 41, Figure 41.44.
2. If the mark is NSC T, remove the wheel set. The T may be several inches to the right from NSC and may look like the number “1”.
3. If wheel mounting information is illegible remove the wheel set.

Instructions

- 1) Cars inspected and not equipped with suspect wheel sets

- a. Any car inspected and found to not be equipped with a suspect wheel set is to be removed from this Maintenance Advisory by reporting Activity Code MR.
 - i. Report to car owner using normal AAR Billing

Inspection

Job Code 4454

Why Made Code 13, “Attention Required as Directed by EA”
Responsibility Code 1, “Owner’s Responsibility”

- 2) Cars found with suspect wheel sets
 - a. Replace all suspect wheel sets with new wheel sets if available. Bill with all normally required AAR CRB details.
 - i. Report to car owner using normal AAR billing

Wheel set replacement

Applicable Rule 44 Job Code

Why Made Code 13, “Attention Required as Directed by EA”
Responsibility Code 1, “Owner’s Responsibility”

Wheels Replaced

Applicable Rule 41 Job Code

Why Made Code 13, “Attention Required as Directed by EA”
Responsibility Code 1, “Owner’s Responsibility”

Roller Bearings replaced

Applicable Rule 36 Job Code

Why Made Code 13, “Attention Required as Directed by EA”
Responsibility Code 1, “Owner’s Responsibility”

Axle replacement

Applicable Rule 43 Job Code

Why Made Code 13, “Attention Required as Directed by EA”
Responsibility Code 1, “Owner’s Responsibility”

Jacking Charge

Job Code 4458

Why Made Code 09, “Account Repairs”
Responsibility Code 1, “Owner’s Responsibility”

- b. Remove car from this Equipment Advisory by reporting Activity Code MH
- c. Mark axles of captured wheel sets with orange tape and mark “EI-33” on the wheel plates to ensure proper handling by the receiving wheel shop.

- d. Mark the wheel plates and axle with the car number, the Why Made Code and location removed.
 - e. Send wheel sets matching the suspect wheel set information to wheel shop for quarantine.
- 3) Wheel Shops
- a. Quarantine any wheel sets matching the suspect wheel set information.
 - b. Send notification to wabl@aar.com with EI-33 as the subject, include equipment name and number, and how many wheel sets removed. (Example email subject header: EI-33, NS XXXXXX, # wheel sets)
- 4) Car Owner Counter Billing Procedures
- a. Car owners should request counter billing authority per AAR Office Manual Rule 112.

AAR and the WABL Committee will continue to monitor the situation and issue supplement(s) to this Advisory as warranted.

Questions regarding this Equipment Instruction Advisory should be directed to the WABL Committee Manager at wabl@aar.com.

Sincerely,
Ron Hynes
Assistant Vice President – Technical Services
Phone: 202-639-2144
Email: RHynes@aar.org

Safety and Operations
Association of American Railroads
425 Third Street, SW, Suite 1000
Washington, DC, 20024

In accordance with AAR Interchange Rule 125, this Equipment Instructions is assigned SEVERITY CODE(S) and ESCALATION INTERVAL(S):

XX - Restricted at Interchange

Assignment Marks Associated with this Advisory:

AAR Only

Periodic Inspections:

There are no periodic inspection codes for this advisory.

Inspection Marks Associated with this Advisory:

Open

Allowable Final Inspection Codes Associated with this Advisory:

MH - Car inspected, defect found, repaired and returned to service.

MR - Car inspected, no defect found, and returned to service.

Equipment Locations Associated for Inspection Reporting:

Mechanical Designations Associated with this Advisory:

Component Registry:

This Equipment Instructions Advisory is NOT designated a Component Registry Advisory.

Cars Remaining on EI-0033 List

Total Assigned: 0

Total Remaining: 0

Severity XX: 0