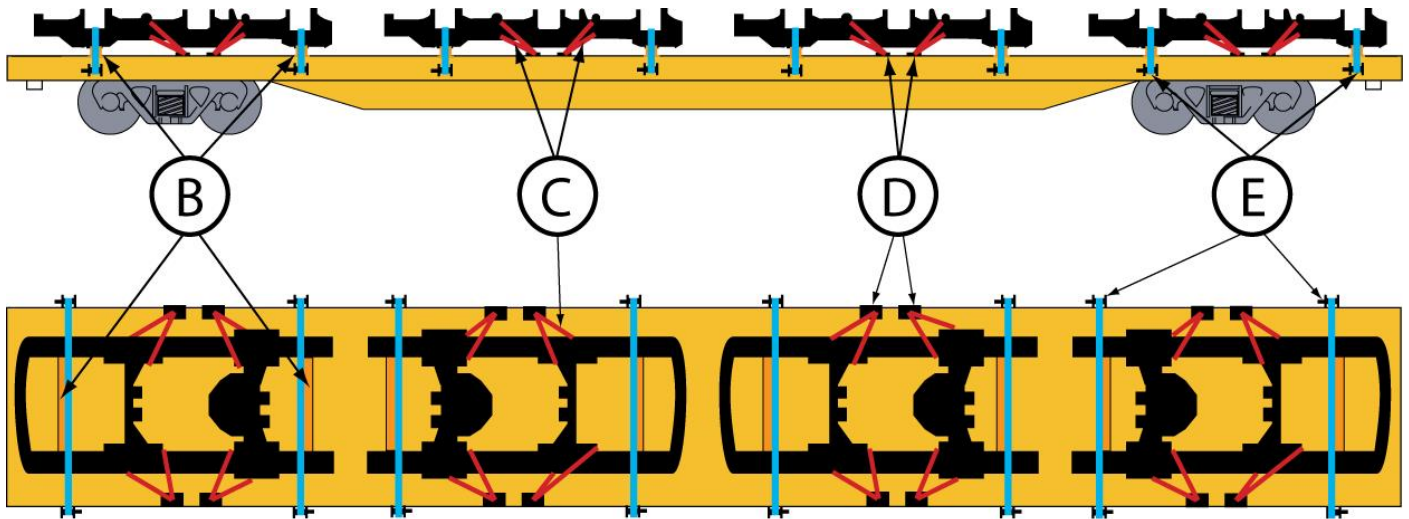


TRUCK FRAMES  
LOADED ON SPECIALLY EQUIPPED FLATCARS

RAC 13015

New 2020-04-13



**TOP VIEW**



**CHAINS AND POLYESTER STRAPS  
TIE-DOWN ASSEMBLIES**



**TRUCK FRAMES  
LOADED ON SPECIALLY EQUIPPED FLATCARS**

**RAC 13015 (Continued)**

New 2020-04-13

<b>Item</b>	<b>No. of Pcs.</b>	<b>Description</b>
A		Vacant
B	2 per truck frame	Cars are equipped with permanent bearing pieces.
C	4 per frame	<p>Chain 3/8 in. diameter, Grade 80 (MBS of 28,400 lbs.)</p> <p>Pass through anchor ring (Item D). Pass chain through truck frame and back towards anchor ring (Item D). Then fasten back to chain with hook and tension with binder. Binder must be equal or stronger than the MBS of chain and must be compatible with size of chain in which is to be used.</p> <p>Open hooks, when applied should attach to the chain in a downward or upright fashion so that gravity will pull hook into chain.</p> <p>Open hooks must be secured with wire or other suitable means (zip ties) over the opening to prevent the hook from becoming disengaged.</p> <p>After chains are tightened, they should be struck with a hammer or bar to eliminate any possible misalignment of links.</p>
D	1 per chain	Anchor ring: Must be utilized to secure truck frame to railcar.
E	Minimum 2 per truck frame	Tie down assemblies: consisting of a winch, ratchet and polyester woven bands 4in. wide with 20,000 MBS. Place over truck frame and anchor to opposite side of car, securing to prevent displacement. Winch taut using a minimum 30in. bar or torque to a value of 350 to 525 Ft, Lb.
E Alt.	Minimum 2 per truck frame	<p>Nonmetallic Banding / Straps: Utilize for additional securement of truck frame. All banding must be AAR approved, Type 1A Polyester Straps, Grade 7. AAR markings must be clearly visible when applied. Strap to utilize railcar anchors provided.</p> <p>Polyester strap Type 1 Grade 6,7,8 as shown in Table 19.3 of Section 1 AAR Open Top Manual, straps must use appropriate anchors. Secure to railcar anchors or such items as stake pockets etc.</p>



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**RAC 13015 (Concluded)**

New 2020-04-13

**Notes and Additional Requirements:**

1. Prior to loading, inspect cars for any foreign object debris (FOD), e.g., spikes, loose metal, any other debris that may affect car loading and safe car travel. Remove any FOD appropriately.
2. Loads must be equally distributed on both sides and end to end of the Car.
3. On empty or loaded movement, unused chains, turnbuckles, and straps must be stored for travel in provided storage bin.
4. Appropriate edge protection must be utilized on all sharp edges and acute angles and at points of possible abrasion to the webbing and or polyester straps.
5. Chains and Binders are checked prior to use for load securement.
6. Chains are checked for:
  - Cracks
  - Bent, twisted, stretched, collapsed or distorted links.
  - Repaired or joined with repaired links.
  - Obvious wear or evidence of loss of strength
  - Knots or twists in chain
  - Heat discoloration (can cause weakness)

See General Rules for further details.