

Inspection and Safety for Plug Door Boxcar*

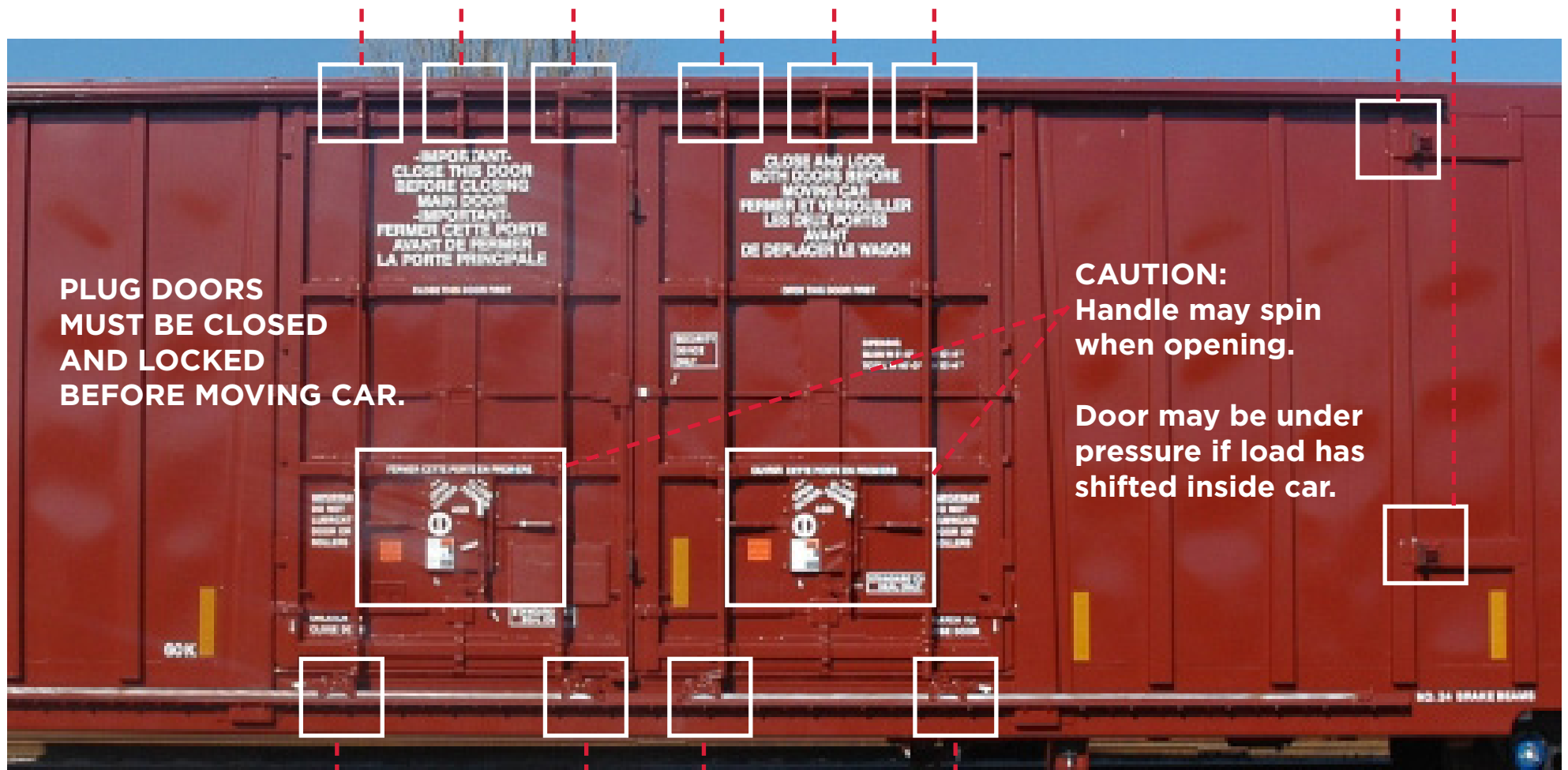


PRIOR to opening or closing plug doors
closely inspect door, tracks, retainers, stops and operating mechanisms

**Applicable to single or double door boxcar*

Verify top crank arms are inside track.

Verify door stops are intact.



Verify rollers are on the track and pins are not broken.

Top of door:

- Observe the upper track and retainer for any indication of damage or distortion which would permit the rollers to become disengaged.
- Make sure the upper crank arms are not bent or broken.
- Upper crank arm shafts must have their fasteners in place and properly secured.
- Upper crank arms must be properly adjusted to make sure the bottom of the roller does not extend below the bottom of the vertical flange of the top retainer and that clearance is maintained for the full length of the top retainer.

Bottom of door:

- Inspect the bottom door track for straightness and proper position of cam locks. Make sure the track is not bent or broken.
- Inspect the bottom of roller housing to ensure that safety lugs are in place and not bent or broken.

Crank area:

- Check each crank to see that it is properly positioned in the roller housing and not distorted.
- Make sure that the pipe retaining brackets are properly secured to the door.

Operating shafts and connection pipes:

- Bent or broken shafts or pipes may cause the door to fall, jam, or the handle to spin without warning.

Front and rear door stops must be inspected.

Caution

Prior to Opening - At all times, use extreme caution prior to opening a plug door and keep hands, arms and body parts clear of door handles and/or levers as they can spin or spring open suddenly due to force.

Opening of door handles and/or levers - At all times, opening must be initiated with a tool (i.e. bar or hammer) until you are sure the door and/or door mechanism is not under pressure. Then grip the door handle or levers firmly to open the door.

NEVER leave a plug door open.

NEVER use a forklift, or similar machine, to apply direct pressure to open or close a boxcar door. This force damages the door and tracks and can result in the door falling out of its track.



PLUG DOORS MUST BE CLOSED AND LOCKED BEFORE MOVING CAR.



Inspection and Safety for Sliding Door Boxcar*

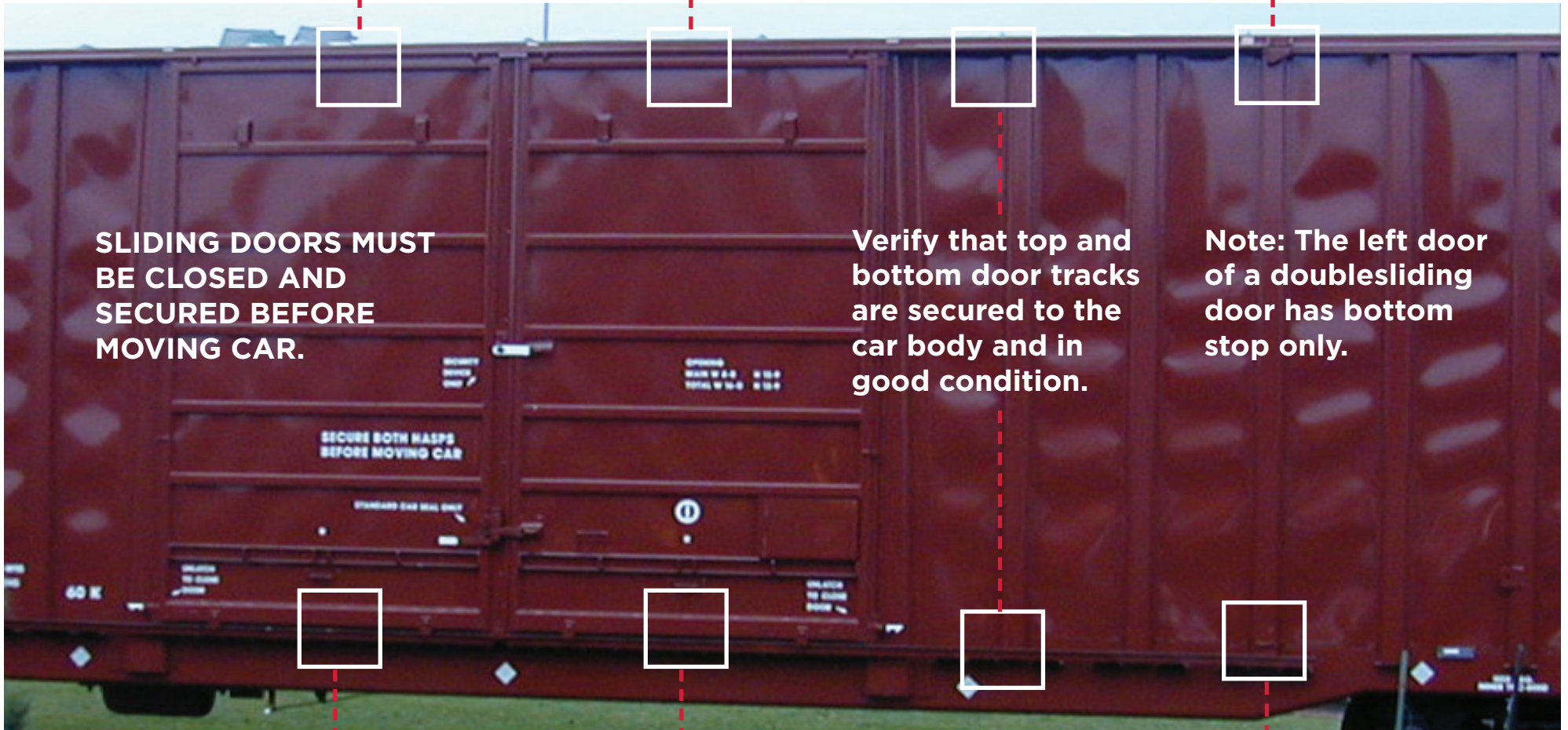


PRIOR to opening or closing doors
closely inspect door, tracks, retainers and stops

**Applicable to single or double door boxcar*

Verify door lip is inside top track.

Verify door stops are intact.



**SLIDING DOORS MUST
BE CLOSED AND
SECURED BEFORE
MOVING CAR.**

**Verify that top and
bottom door tracks
are secured to the
car body and in
good condition.**

**Note: The left door
of a doublesliding
door has bottom
stop only.**

Verify door lip is behind bottom track.

Verify door stops are intact.

Top of door:

- Observe the top track and retainer for any indication of damage or distortion which would permit the door to become disengaged.
- Make sure the door lip is in place inside the the top track.

Bottom of door:

- Inspect the bottom door track for straightness.
- Make sure the area is not bent or broken.
- Check to see that the door is not off the track and that the door lip is behind the bottom track.

Ensure door stops are in place and in good condition.

Note - double sliding doors are equipped with top and bottom stops on the right hand door, and only a bottom stop on the left hand door.

NEVER use a forklift, or similar machine, to apply direct pressure to open or close a boxcar door. This force damages the door and tracks and can result in the door falling out of its track.



SLIDING DOORS MUST BE CLOSED AND SECURED BEFORE MOVING CAR.

