



INSTALLATION INSTRUCTIONS

Scooping Platens

QFM™

Dedicated

Manual Number 6072554-R0

**cascade®
corporation**

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This Manual provides instructions for installing Cascade Scooping Platens. Follow the suggested installation procedures for best results. If you have any questions or need more information, contact your nearest Cascade Service Department (see back cover).

Read the **WARNING** Statements placed throughout this Manual to emphasize safety during Attachment installation.


IMPORTANT: Field alterations may impair performance or capability and could result in loss of warranty. Consult Cascade for any required modifications.

T RUCK REQUIREMENTS

QFM™ Scooping Platens



WARNING: Rated capacity of the truck/Scooping Platen combination is a responsibility of the original truck manufacturer and may be less than that shown on the attachment nameplate. Consult the truck nameplate.



Carriage Mount Dimension (A) ITA (ISO)

	Minimum	Maximum
Class II	14.96 in. (380.0 mm)	15.00 in. (381.0 mm)
Class III	18.68 in. (474.5 mm)	18.74 in. (476.0 mm)

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Carriage
Clean and inspect carriage bars for damage. Repair any damaged notches.

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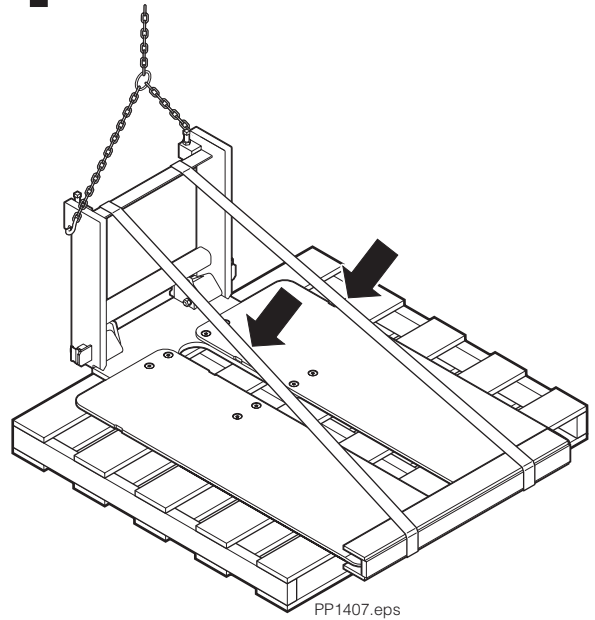
WARNING: The QFM™ Scooping Platens require forks to support the attachment and load. Forks up to 1.8 in. (45 mm) thick and 40–46 in. (1015-1168 mm) long can be used. 42 in. (1066 mm) forks with bottom taper are recommended. Sideshifter components (if equipped) must not protrude in front of carriage bars.

INSTALLATION

QFM™ Scooping Platens

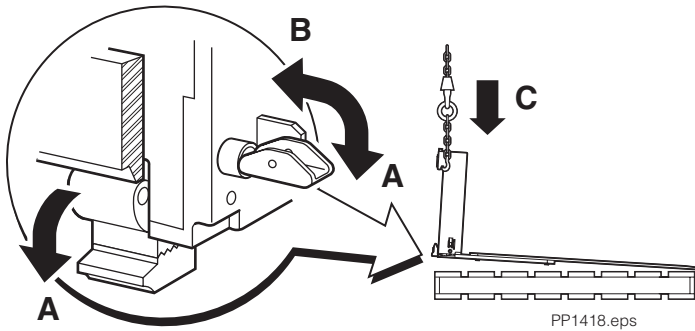
Follow the steps shown to install the QFM™ Scooping Platens on the truck. Read all **WARNINGS** and **CAUTIONS** carefully. If you don't understand a procedure, ask your supervisor, or call the nearest Cascade Service Department for assistance.

1 Remove banding, attach overhead hoist



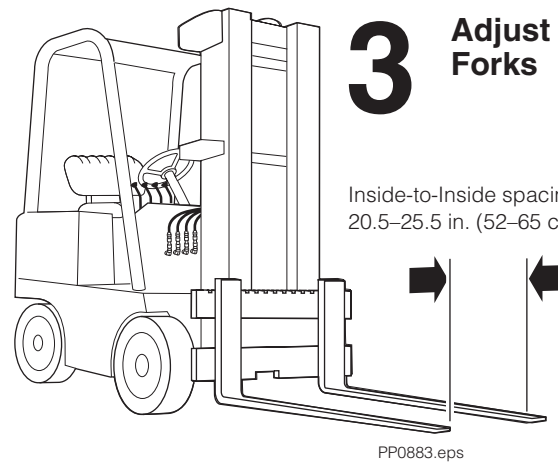
2 Turn down lower hooks

- A** Open safety lockpin and turn down lower hooks.
- B** Close safety lockpin to secure hooks down.
- C** Lower the platens onto pallet.



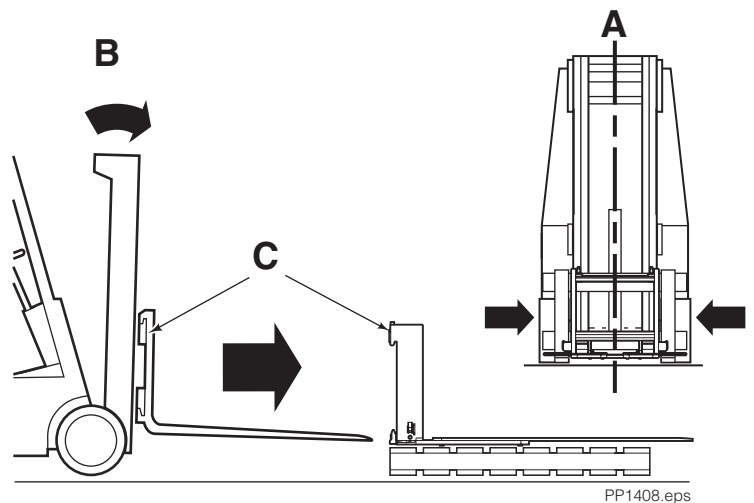
3 Adjust Forks

Inside-to-Inside spacing
20.5–25.5 in. (52–65 cm)



4 Engage Attachment

- A** Center truck behind the platens.
- B** Tilt mast slightly forward and drive forks under the platens.
- C** Engage upper hooks with carriage top bar.

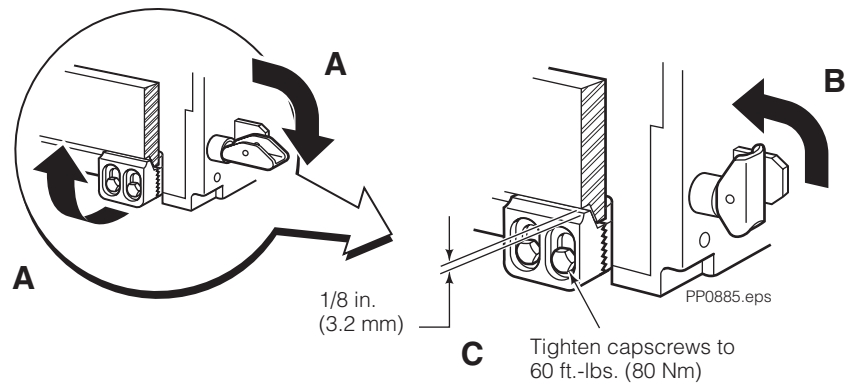


I INSTALLATION

QFM™ Scooping Platens

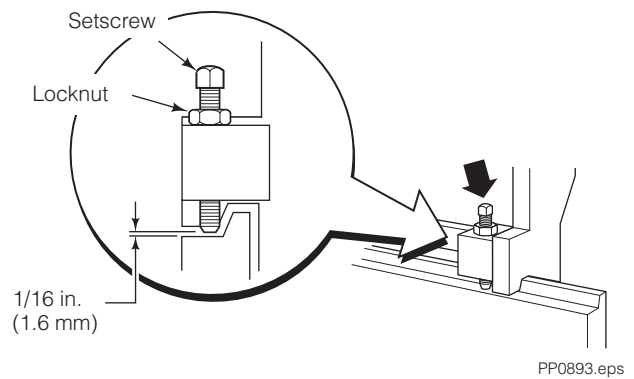
5 Engage lower hooks

- A** Open safety lockpin and turn hooks up.
- B** Release safety lockpin to secure hooks up.
- C** Adjust clearance and tighten hook capscrews.



6 Adjust and lock upper hook setscrews

- A** Adjust clearance for upper hook setscrews.
CAUTION: Do not overadjust.
- B** Tighten locknuts.



T RUCK REQUIREMENTS

Dedicated Scooping Platens



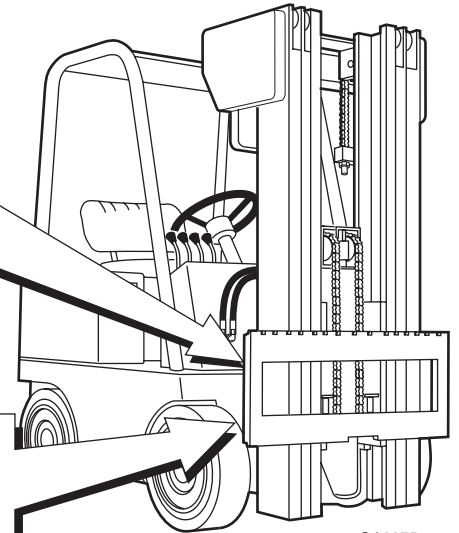
WARNING: Rated capacity of the truck/Scooping Platen combination is a responsibility of the original truck manufacturer and may be less than that shown on the attachment nameplate. Consult the truck nameplate.



Carriage Mount Dimension (A) ITA (ISO)

	Minimum	Maximum
Class II	14.96 in. (380.0 mm)	15.00 in. (381.0 mm)
Class III	18.68 in. (474.5 mm)	18.74 in. (476.0 mm)

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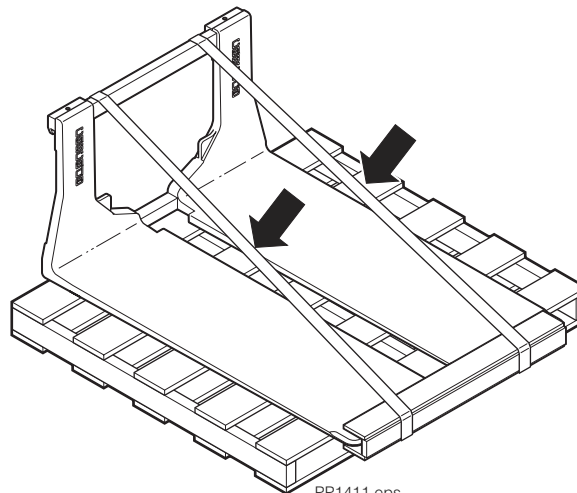
Carriage – Clean and inspect carriage bars. Assure that bars are parallel and that ends are flush. Grind smooth any protruding welds that may affect Sideshift lower bearings. Repair any damaged notches.

I NSTALLATION

Dedicated Scooping Platens

Follow the steps shown to install the Dedicated Scooping Platens on the truck. Read all **WARNINGS** and **CAUTIONS** carefully. If you don't understand a procedure, ask your supervisor, or call the nearest Cascade Service Department for assistance.

1 Remove banding

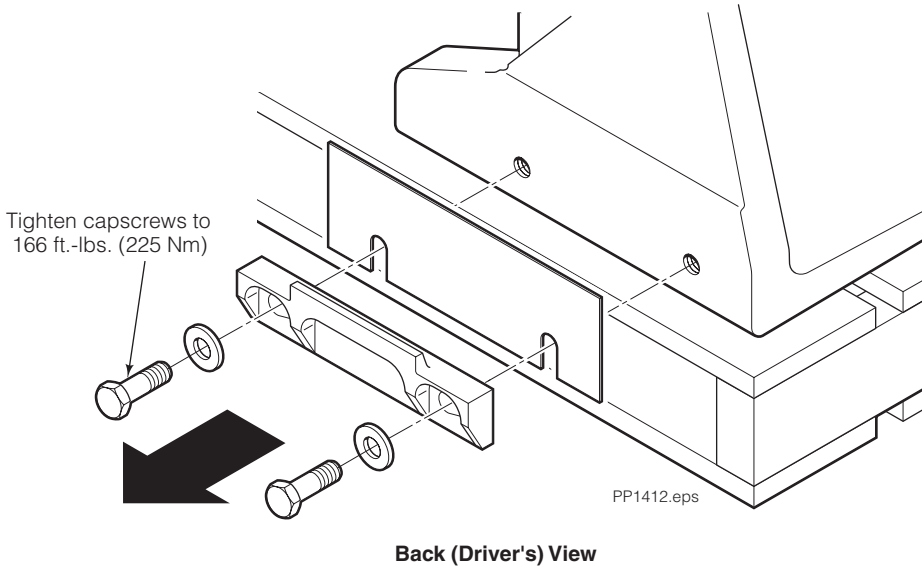


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INSTALLATION

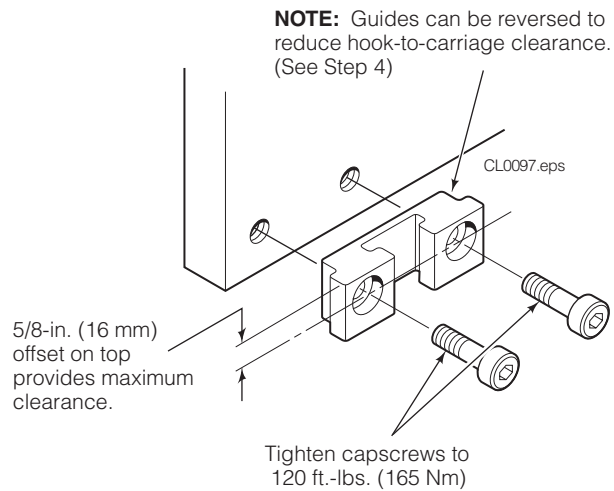
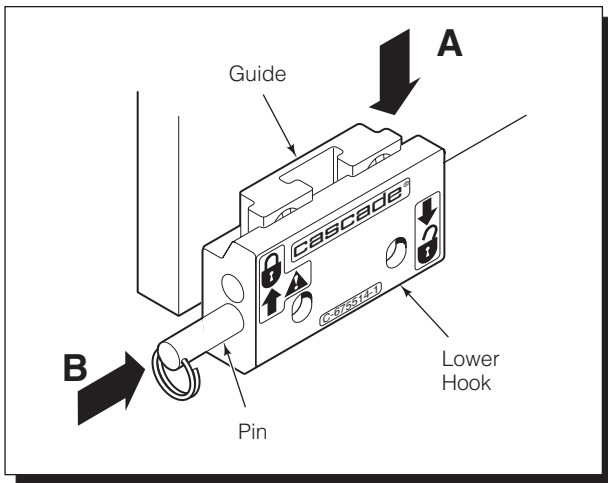
Dedicated Scooping Platens

2 Bolt-On Lower Hooks - Remove lower hooks



3 Quick-Change Lower Hooks - Unlock lower hooks

- A Remove pin and drop hooks into unlocked position.
- B Reinstall pin in lower hole (unlocked).



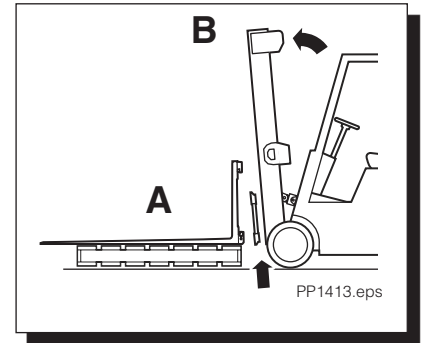


INSTALLATION

Dedicated Scooping Platens

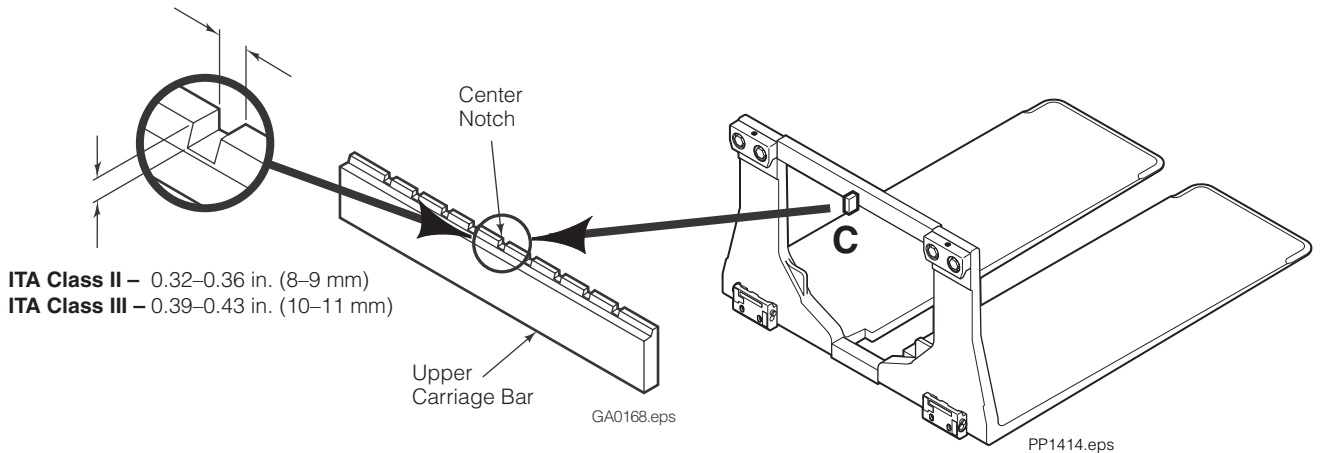
4 Mount Platens on truck carriage

- A** Center truck behind attachment.
- B** Tilt forward and raise carriage into position.
- C** Engage top mounting hook with carriage. Make sure center locator tab engages center notch on top carriage bar.
- D** Lift platens 2 in. (5 cm) off pallet.



ITA Class II – 0.60–0.66 in. (15–17 mm)

ITA Class III – 0.72–0.78 in. (18–20 mm)



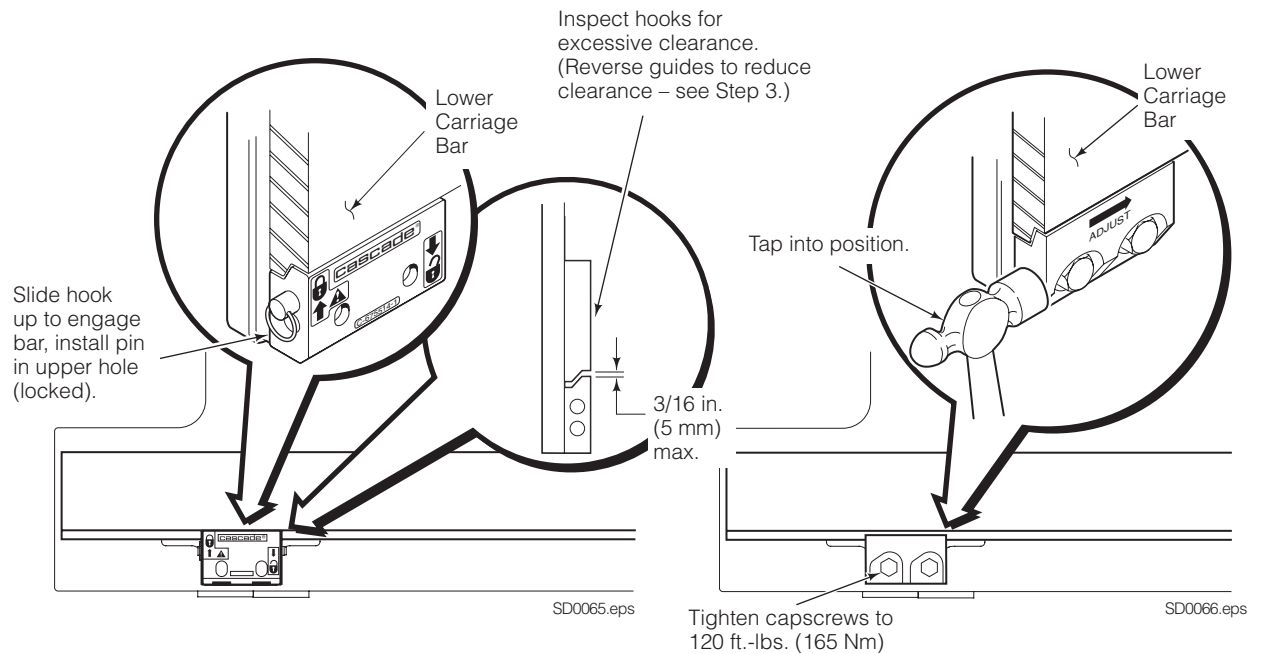
ITA Class II – 0.32–0.36 in. (8–9 mm)

ITA Class III – 0.39–0.43 in. (10–11 mm)

5 Install and engage lower hooks

QUICK-CHANGE TYPE

BOLT-ON TYPE



100-Hour Maintenance

Every time the lift truck is serviced or every 100 hours of truck operation, whichever comes first, complete the following maintenance:

- Check for loose or missing bolts.

500-Hour Maintenance

After each 500 hours of truck operation, in addition to the 100-hour maintenance, perform the following procedures:

Dedicated Scooping Platens

- Tighten the upper mounting hook capscrews to 120 ft.-lbs. (165 Nm).
- Check the clearance between the lower mounting hooks and the truck carriage bar:

Quick-Change Hooks – 3/16 in. (5 mm) maximum.

Bolt-on Hooks – Tight against lower carriage bar.

- If hook adjustment is necessary, refer to Dedicated Installation Step 3 (pg. 5) or 5 (pg. 6) in this Manual. Tighten the lower hook mounting capscrews to 120 ft.-lbs. (165 Nm).

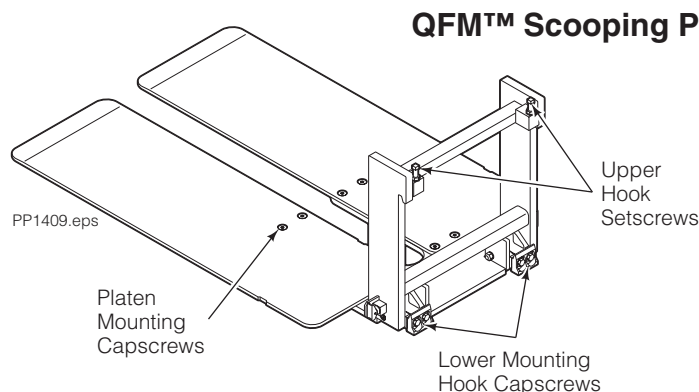
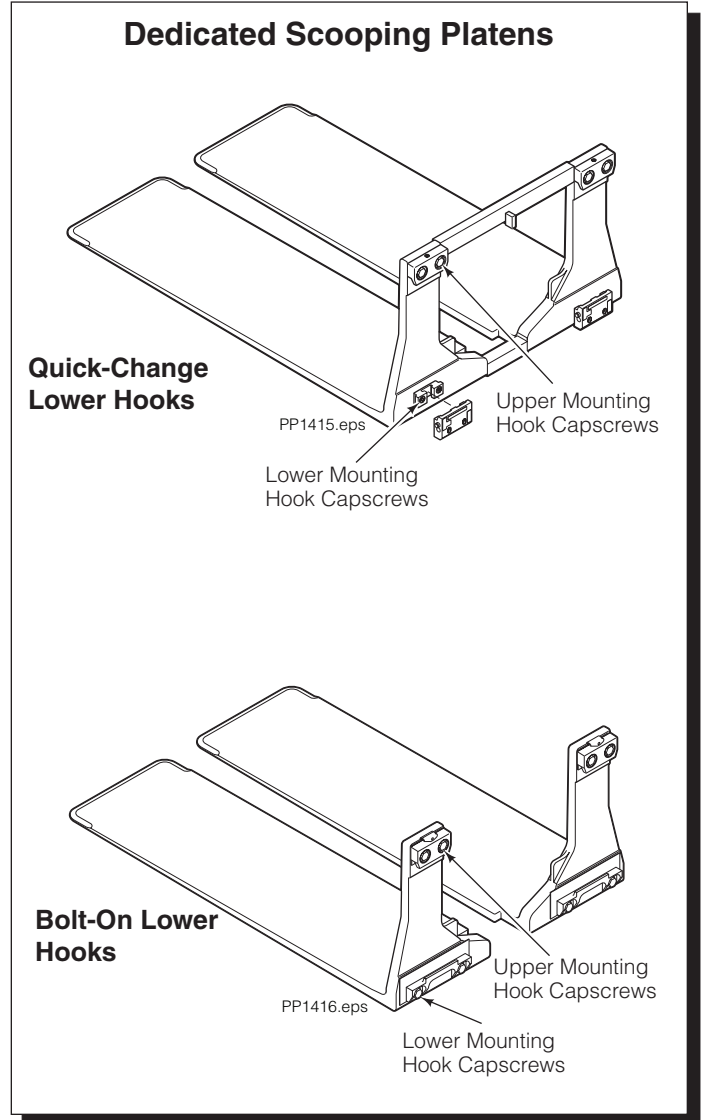
QFM™ Scooping Platens

- Tighten the platen mounting capscrews to 40 ft.-lbs. (60 Nm).



WARNING: Platen capscrews must be tightened regularly to prevent equipment damage or personnel injury.

- Check for 1/8 in. (3.2 mm) maximum clearance between lower mounting hooks and truck carriage bar. Refer to Step 5 in this manual if adjustment is necessary.
- Check for 1/16 in. (1.6 mm) maximum clearance between upper hook setscrews and truck carriage bar. Refer to Step 6 in this manual if adjustment is necessary.
- Tighten lower hook capscrews to 52 ft.-lbs. (70 Nm).



Do you have questions you need answered right now? Call your nearest Cascade Service Department. Visit us online at www.cascorp.com

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