

M205 Self-Propelled Windrower CAB SUSPENSION LIMIT STRAP KIT (MD #167522) INSTALLATION INSTRUCTIONS

M205 Self-Propelled Windrowers may experience excessive cab movement during high-speed travel in the field. This movement may cause damage to the front cab shocks. The Cab Suspension Limit Strap kit is intended to reduce excess cab movement.

A list of parts included in the kit is provided.

NOTE: Keep your MacDon publications up-to-date. The most current version of this instruction can be downloaded from our Dealer-only site (<https://portal.macdon.com>) (login required).

Installation Time

The Cab Suspension Limit Strap kit takes approximately 2 hours to install.

Conventions

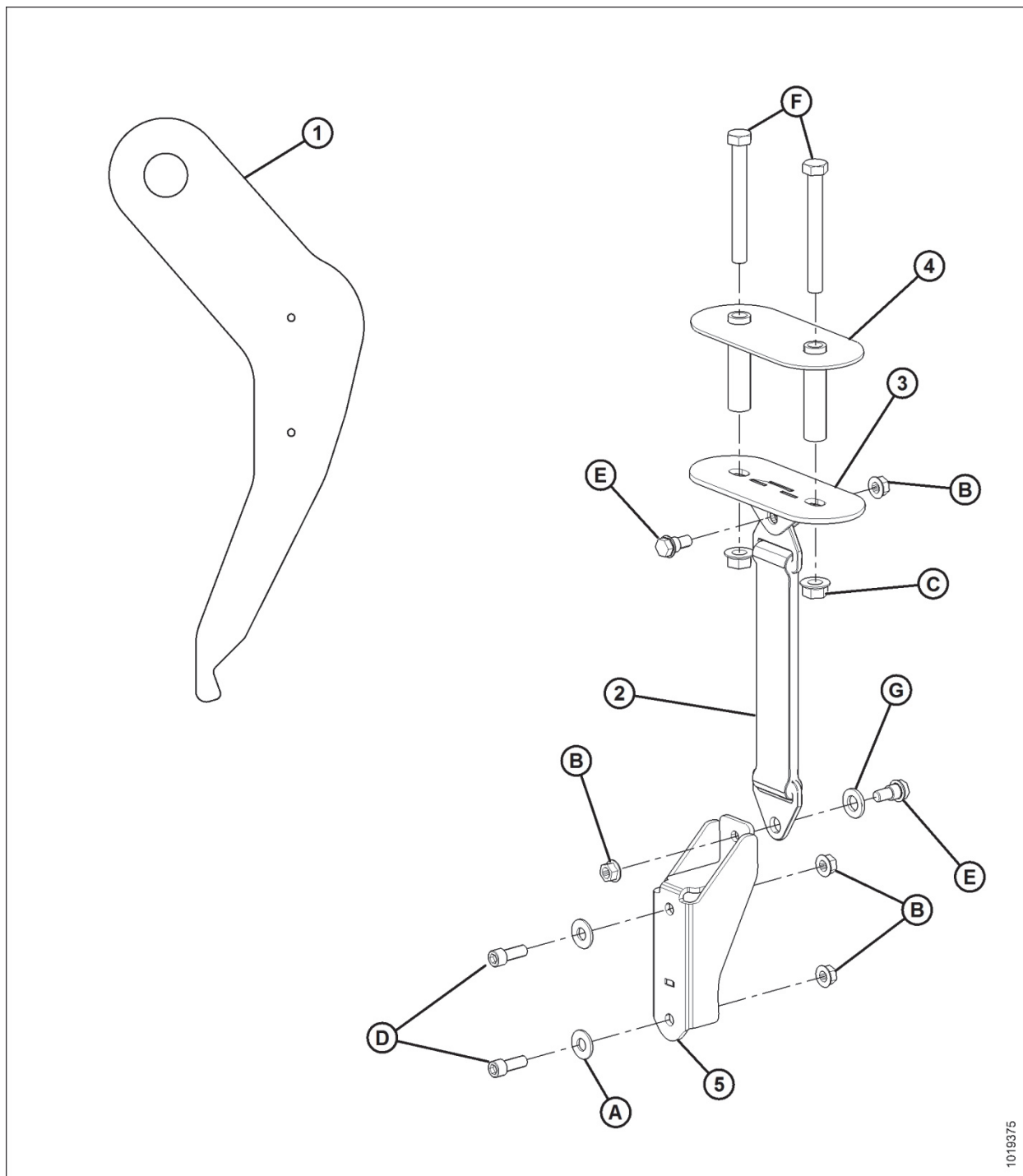
The following conventions are followed in this document:

- Right-hand (RH) and left-hand (LH) are determined from the operator's position, facing forward with the windrower in cab-forward position.
- Unless otherwise noted, use the standard torque values provided in the windrower operator's manual and technical manual.

**M205 Self-Propelled Windrower
CAB SUSPENSION LIMIT STRAP KIT (MD #167522)
INSTALLATION INSTRUCTIONS**

Part List

This kit includes the following parts:



**M205 Self-Propelled Windrower
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Ref	Part Number	Description	Quantity
1	167922	GUIDE – HOLE TEMPLATE	1
2	167523	STOP – LIMIT STRAP	2
3	167544	SUPPORT – CAB LIMIT MOUNTWELDMENT	2
4	167545	SUPPORT – CAB UPPERWELDMENT	2
5	167551	SUPPORT – LIMIT STRAP WELDT	2
A	18670	WASHER – SAE FLAT 7/16 ID X 1.0 IN OD ZP	4
B	30228	NUT – FLANGE DT SMOOTH FACE 0.375-16 UNC	8
C	50186	NUT – FLANGE LOCK SM FACEDT 0.500-13 UNC GR5	4
D	135381	BOLT – HEX SOC HD 3/8-16 X 1 GR8	4
E	172259	BOLT – SHOULDER .375-16UNC	4
F	184539	BOLT – HH 1/2 NC X 4.25 LG GR5 ZP	4

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Installation Instructions

To install the Cab Suspension Limit Strap kit, follow these steps:



DANGER

To avoid bodily injury or death from unexpected start-up of machine, always stop engine and remove key from ignition before leaving operator's seat for any reason.

1. Roll the windrower's floor mat (A) away from the front left- or right-hand corner of the cab to expose plug (B).

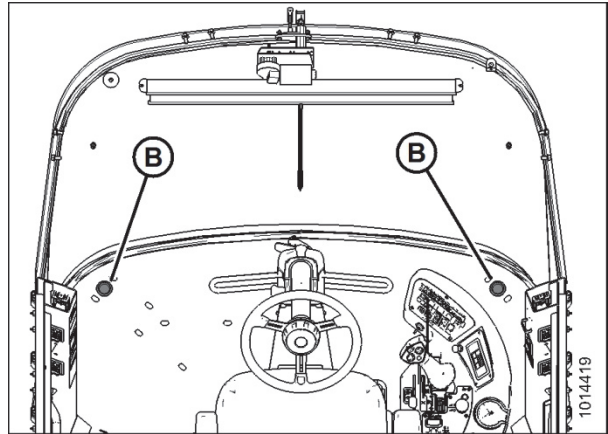
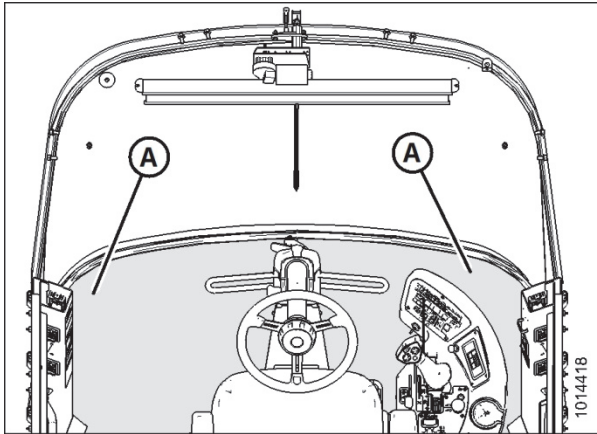


Figure 1: Top View of Windrower (Roof Removed for Clarity)

Figure 2: Top View of Windrower (Roof Removed for Clarity)

2. Clean area and check that the drill template (A) (MD #167922) lays flat on the floor.
3. Remove plug from floor. The plug covers the upper suspension mount hardware.
4. Align drill template (A) using the vertical support post (B) and exposed suspension mount hole (C) as shown. The aligned drill template indicates proper drilling locations.
5. Hold the drill template (A) in place and mark the two drill hole positions (D) using a 1/4 in. center punch.

NOTE: Remove the drill template (A) before drilling any holes.

6. Drill 1/4 in. pilot holes at the center of the marked holes.

NOTE: The floor is made of two layers. Drill only the top layer of the floor.

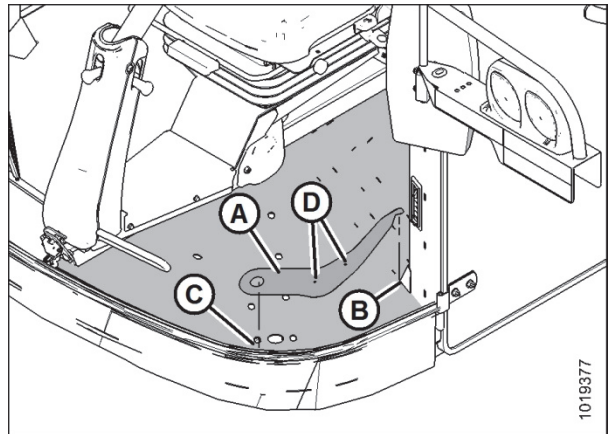


Figure 3: Drill Template Placement on Cab Floor

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7. Gradually increase the drill bit size to create a 3/4 in. hole at each pilot hole location.
8. Insert cab support (A) (MD #167545) into drilled holes (B). Ensure support sits flush to cab floor.

NOTE: If support does not fit, gradually increase the size of the holes using a round file or by drilling a slightly larger hole. Repeat until the cab support fits flush to the floor.

9. With cab support sitting flush, mark a single drill location on bottom layer of the floor by placing a 1/2 in. center punch through cab support (A).
10. Drill a small 1/4 in. pilot hole through the bottom floor. Gradually increase the drill bit size to create a 1/2 in. hole.
11. Place bolt through cab support (MD #167545) and floor. Use hardware provided with kit.
12. Repeat Steps 9–11 to create the second 1/2 in. hole.
13. Remove foam around holes on the bottom of the cab so the cab limit mount (MD #167544) sits flush against the cab. Refer to Figure 5.

14. Align the cab limit mount (A) (MD #167544) with bolts extending through the bottom of the cab floor. Attach using hardware provided with kit. Torque hardware to 107–118 N·m (79–87 ft·lbf).

NOTE: Ensure that the small hole (B) on the support clevis faces outboard side of the windrower.

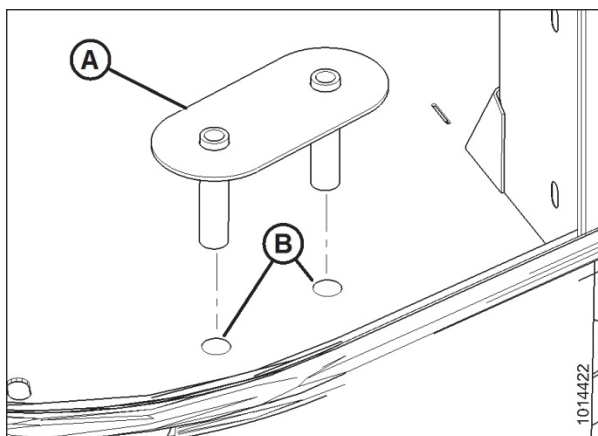


Figure 4: Cab Support Placement

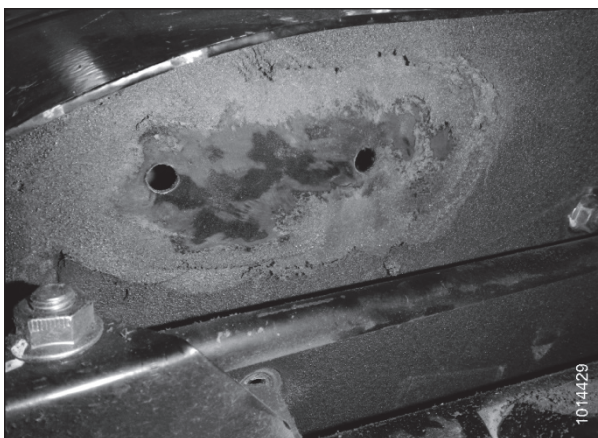


Figure 5: Foam Removed from Windrower Cab

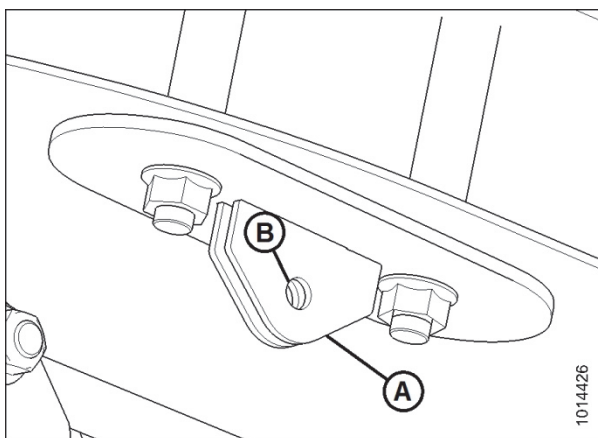
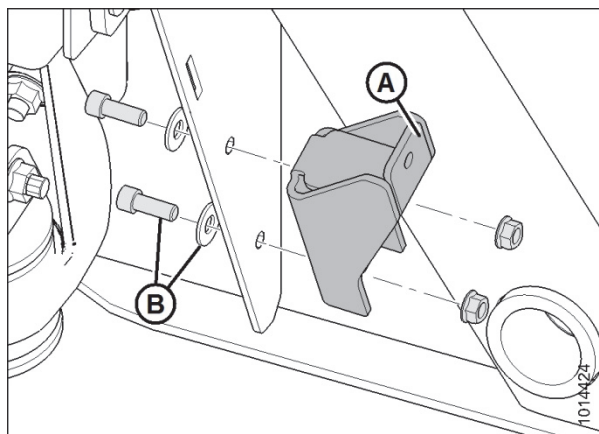


Figure 6: Installed Cab Limit Mount

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16. Attach limit strap support (A) (MD #167551) to the windrower frame using two existing holes in the lower shock mount. Use hardware provided in the kit. Torque hardware to 30–33 N·m (22–24 ft·lbf).

NOTE: Ensure the socket head hex screws and washers (B) face inboard side of the windrower.



**Figure 7: Limit Strap Support Attached to Shock Mount
(Front Plate Removed for Clarity)**

17. Connect the limit strap (A) (MD #167523) to the upper (B) and lower (C) mounts using hardware provided in the kit. Torque hardware to 30–33 N·m (22–24 ft·lbf).

NOTE: Place the washer on the outside of the cab limit strap bracket on the lower mount.

18. Repeat procedure on opposite side of the windrower cab.

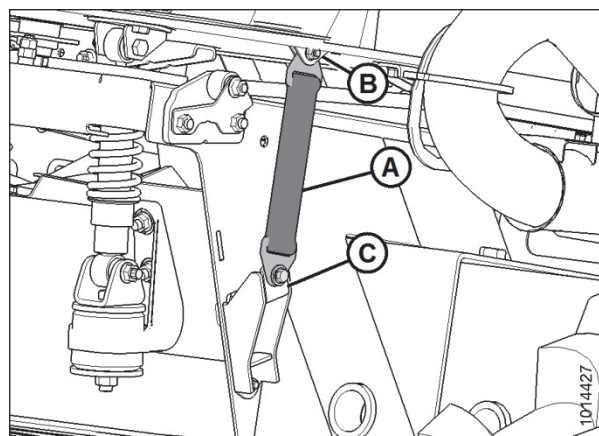


Figure 8: Installed Cab Limit Strap