IMPORTANT SAFETY INFORMATION

Read these instructions before installing and using the crop lifters. Never alter this equipment without express approval of Flexxifinger®. Doing so could cause an injury hazard or damage to your equipment and will void your warranty. If you encounter any problems installing or using your crop lifters, contact Flexxifinger® at 1-306-642-4555 for assistance.

This manual uses the following signal words to identify important safety information:

WARNING: Indicates a hazardous situation that, if not avoided, could result in death or serious injury.
CAUTION: Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.
NOTICE: Indicates information considered important, but not hazard-related (e.g. messages relating to property damage).

IMPORTANT SAFETY INFORMATION

WARNING: **Wear the proper safety equipment (gloves, protective eyewear) when installing and removing the crop lifters from the header. The components may become sharp due to wear from plant material. Exercise caution around pinch points.**
Ensure there is adequate clearance for the knife system after installing each lifter. Not having proper clearance between the lifter and the knife system may result in equipment damage and/or injury.

INSTALLATION AND USE TIPS

NOTICE: **If the combine operator experiences any difficulty during installation due to a rock guard system on the header, please contact the Flexxifinger Sales & Support Team for additional instruction.**

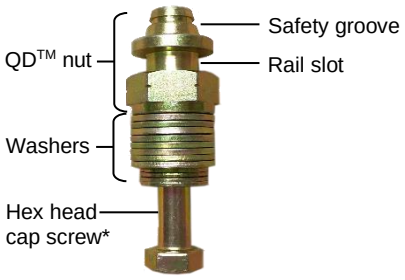
NOTICE: **Never install a bolt or set screw in the hole at the top of the lifter rail to create a snug fit on the guard. The lifter must remain free to move and to free-float about ¼"(6mm) to ½"(13mm) up, down and side-to-side. The use of a set screw in the hole in the top of the lifter rail may result in damage to the lifter, knife system or equipment.**

NOTICE: **Use extreme caution when traveling over irrigation ruts, sprayer and tractor ruts, large cracks in the ground and other uneven ground conditions. Digging the lifters into the ground can cause severe damage to your equipment as well as your lifters.**

Assembly Instructions

Each Flexxifinger® crop lifter comes with a Quick Detach (QD™) nut assembly. This includes 1 QD™ nut, 1 M10 hex head cap screw, 8 large flat washers (USS) and 4 small flat washers (SAE) for spacing. Using the hex head cap screw makes the assembly universal, for most types of cutter bars. If you wish to purchase extra QD™ Nut Assemblies, the part number is 32256-50.

QD™ Nut Assembly



*Optional carriage bolt available when required

32256-50

WWW.FLEXXIFINGER.COM

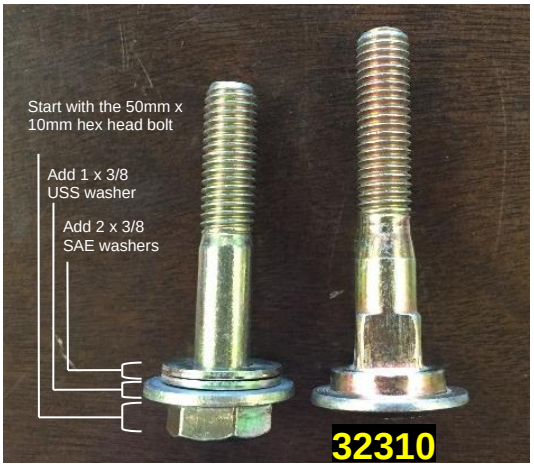
© Copyright Flexxifinger QD Industries 2024 – All Rights Reserved
Printed in Canada

NOTE: *Custom carriage bolts are available for headers that use them under the knife guard.*

	Flexxifinger® Part Number
7/16" carriage bolt for use with Poly Skid plates under the knife guard	32310
7/16" carriage bolt	32312
10mm carriage bolt	32314

It is possible to mimic these carriage bolts by using some washers on the head of the hex bolt provided. However, the bolt head may catch plant material and rocks under the header, and may wear smooth over time, making it difficult to remove.

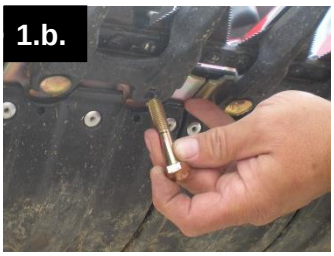
FOR MACDON HEADER WITH POLY SKID PLATE:



FOR OTHER HEADERS REQUIRING A 7/16" CARRIAGE BOLT:

1. Install the QD™ Nut assembly on the header.

a. Starting 6"(15cm) from the right side of the header and every 12"(30cm) across the header, remove the guard nut and bolt from the guards.



b. Insert the provided M10 hex head bolt from the bottom of the header, or the correct Flexxifinger® carriage bolt, if purchased. If a carriage bolt is needed but not on hand, use the configuration pictured above to mimic a carriage bolt.

c. Place washers of the appropriate size and numbers onto the protruding bolt.

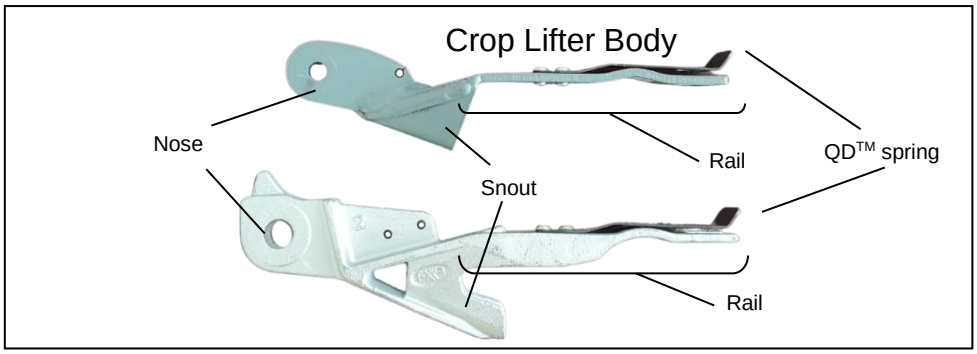
Case IH, MacDon, New Holland	4-8 USS
John Deere	1-4 USS on top of cast knife hold-down
Schumacher guard	4 SAE

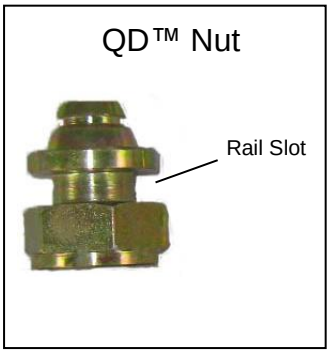
Note:See step 2.a. for method of determining number of washers needed.

d. Thread the QD™ nut onto the bolt.

© Copyright Flexxifinger QD Industries 2024 – All Rights Reserved
Printed in Canada

2. Install one lifter on the header.





a. Install one crop lifter. Slide the lifter snout over the guard with the rail spring side up. Push the lifter rail all the way into the rail slot on the QD™ nut. The black spring will slide up and over the QD™ nut and then snap down evenly into place. Check to ensure there is adequate clearance from the knife (no contact with it when moved fully side to side, and up and down). Push up on the lifter so the bottom of the guard touches the bottom inside of the snout. If the rail is not parallel to the guard, add or remove washers until it is.

Note: All Flexxifinger® lifters must free-float about ¼"(6mm) to 1/2"(13mm) up, down, and side-to-side. **Never install a bolt or set screw in the hole at the top of the lifter rail to create a snug fit on the guard. The use of a set screw in the hole in the top of the lifter rail may result in damage to the lifter, knife system or equipment.**

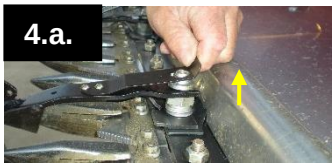
b. Install the remaining QD™ nuts on the rest of the header using the first-installed QD™ nut as a guide. When installing over a knife hold-down, reduce the number of washers equal to the thickness of the knife hold-down. This will keep all QD™ nuts at the same height.

3. Install the remaining lifters on the header.

a. Check that each lifter has adequate clearance from the knife (no contact with it when moved fully side to side, and up and down) and that the rail is parallel to the guard when the snout is lifted up against the guard finger. Add or remove washers if necessary.

Note: To make future installation and adjustment quicker, number the lifters with a paint pen prior to removing them. This will ensure each lifter goes back to the spot it was adjusted for.

4. Remove the lifters:



a. Lift the black QD™ spring high enough to clear the top of the QD™ nut.

b. Pull the lifter forward to remove it.

© Copyright Flexxifinger QD Industries 2024 – All Rights Reserved
Printed in Canada

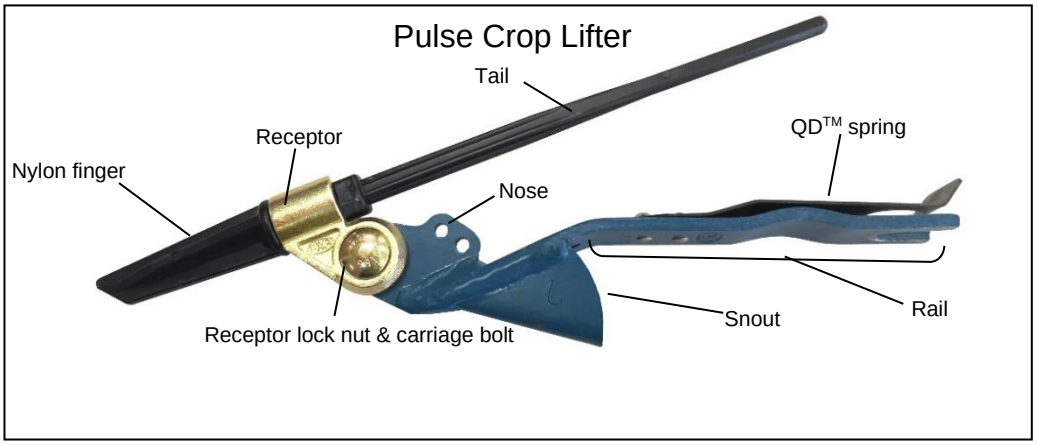
5. Tighten all QD™ nuts to 60 ft-lb (81Nm) torque.

a. Tighten all QD™ nuts to 60ft-lb (81Nm) torque. Once installed, the QD™ nuts can remain on the header, even when the crop lifters are not being used.

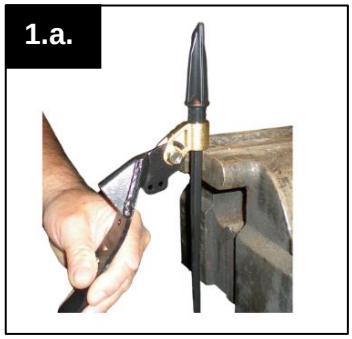
5. Adjust the cutting bar to negative 5 degrees.

a. This allows for more effective and efficient cutting of plant material.

Pulse Crop 70060, 70060-MD-2, 70062



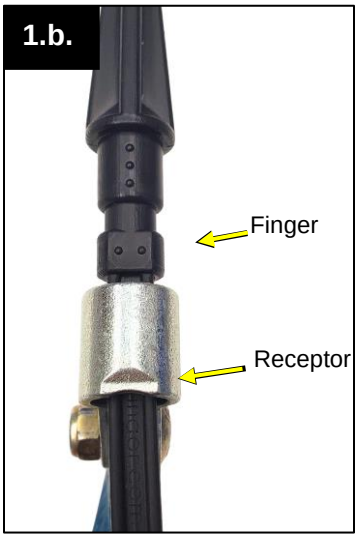
1. Install the nylon finger into the lifter receptor.



a. Holding the lifter in your hand, rest the back of the receptor between and ON TOP of the jaws of a vise, so the receptor spans the distance between the jaws.

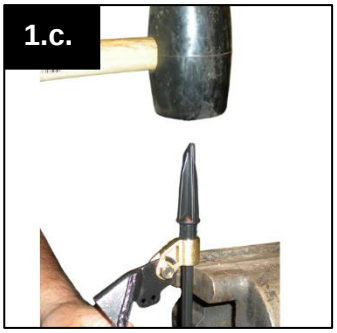
© Copyright Flexxifinger QD Industries 2024 – All Rights Reserved
Printed in Canada

1.b.



b. Slide the nylon finger tail down into the front of the receptor. Match up the flat section of the receptor with the flat section on the finger body, like a key into a lock.

1.c.



c.Use a rubber mallet or a hammer to tap the nylon finger until it has fully seated into the receptor. *Notice: The fit is very snug. It helps to spray the finger with multipurpose lubricant. If it is difficult to push the finger into the receptor, check that the flat sections of the finger and receptor are not misaligned. Attempting to force the finger into the receptor may cause damage to the finger.*

1.d.

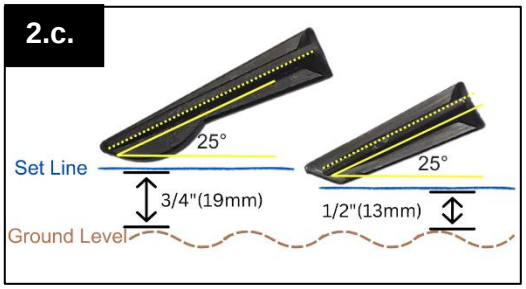
d.Once the finger is fully seated, rotate it 90 degrees with pliers or a wrench to lock it into place. If it is hard to turn, it may not be fully seated.

1.e.

e.Ensure that the fingers have been installed correctly, as shown.

© Copyright Flexxifinger QD Industries 2024 – All Rights Reserved
Printed in Canada

2.c.



2.e.

2. Adjust the nylon fingers to the desired angle.

a. Mount the lifter on the guard finger, making sure it has locked into place on the QD™ nut.
b. Loosen the receptor's lock nut from the carriage bolt and adjust the angle of the nylon finger.
c. Set the angle of the finger to a maximum of 25 degrees from the ground, making sure only the back half of the tip will touch the ground.
Note: Less of an angle is better for lifting the plant. Use a protractor or an app to check angles.
d. Set the lifters so that the tip of the nylon finger is about ½"(13mm) to ¾"(19mm) above the ground.
e. Set all lifters to be the same angle in rigid mode; they should form a straight line when you look down the row. It is important that all lifters are working in unison.
f. Tighten all the lock nuts to set the finger at the desired angle.

3. Combine 100'(30m). Readjust the lifters as required.

a. Set lifters while the combine is in the field, as the combine tires may sink lower than ground level, in some situations. The lifters may need to be reset if they were first adjusted while the combine was on hardpacked ground or a cement pad.
b. Center header reel over the cutter bar, so the finger tines will pick up the crop from the Flexxifinger® crop lifters, not from the ground ahead of the lifters. Operating the reel in the fore position can cause the reel tine bar to catch the tip of the crop lifters, and force the lifters up and backwards, causing damage to the lifters, the cutting platform, and the reel itself. A broken lifter also increases the chance of ingestion and further damage to the combine.
c. When possible, observe the lifters at cutting height while slowly driving over a path that has already been harvested. Look for lifters that are not working in unison and readjust.

© Copyright Flexxifinger QD Industries 2024 – All Rights Reserved
Printed in Canada