



Work Instruction

Quality Management System Document

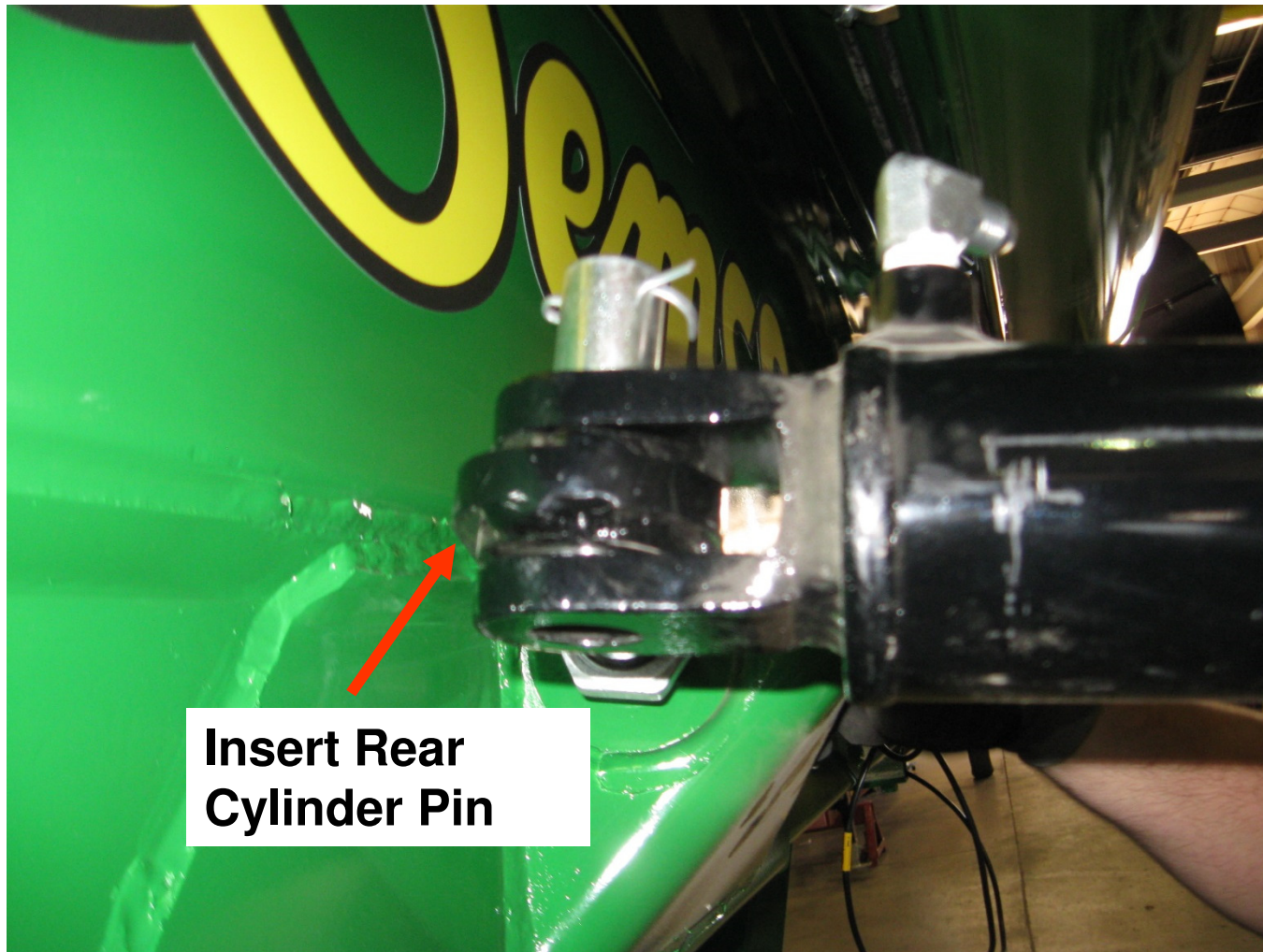
WI00545

03/15 Rev 1

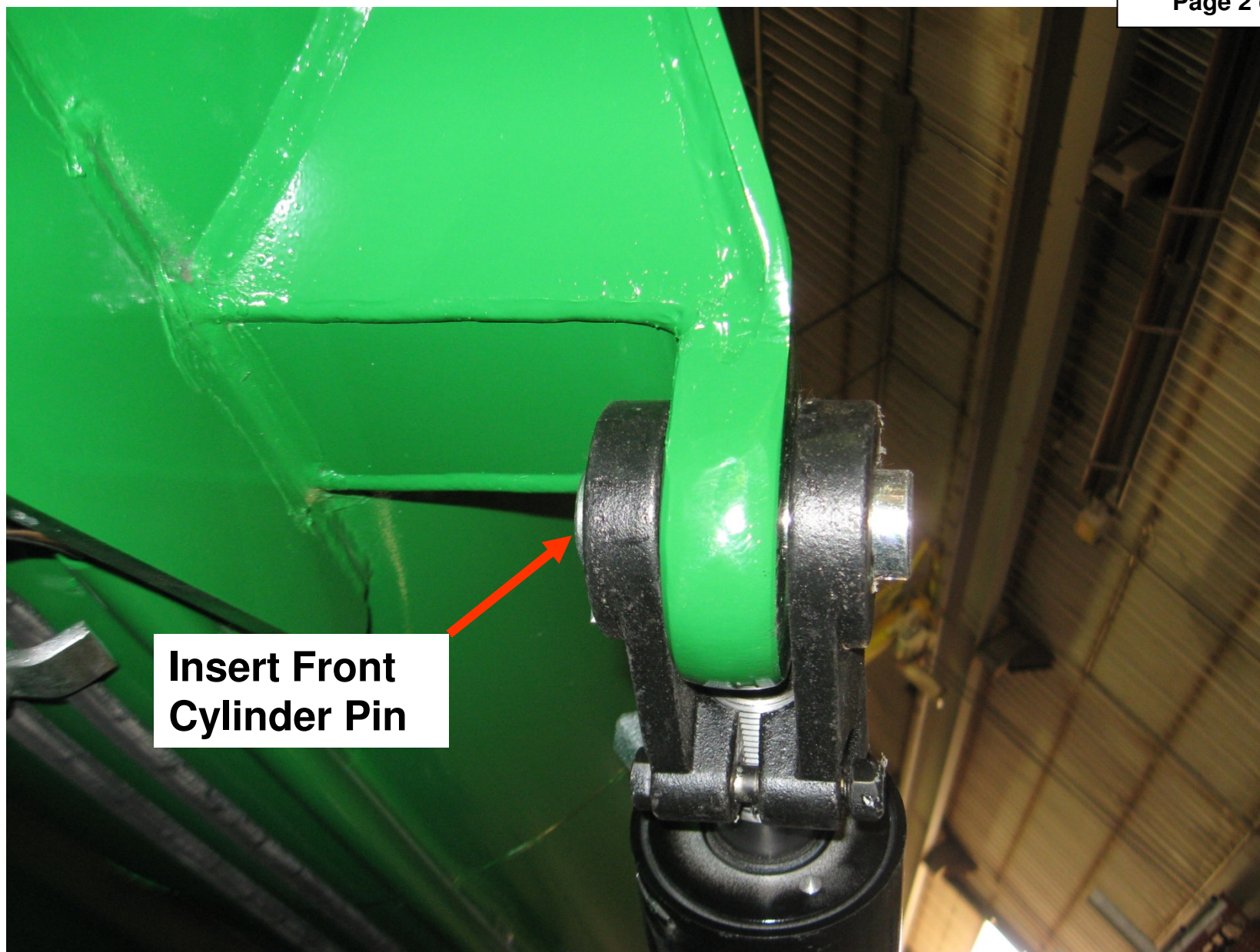
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Approvals: Grain Handling Team Leader

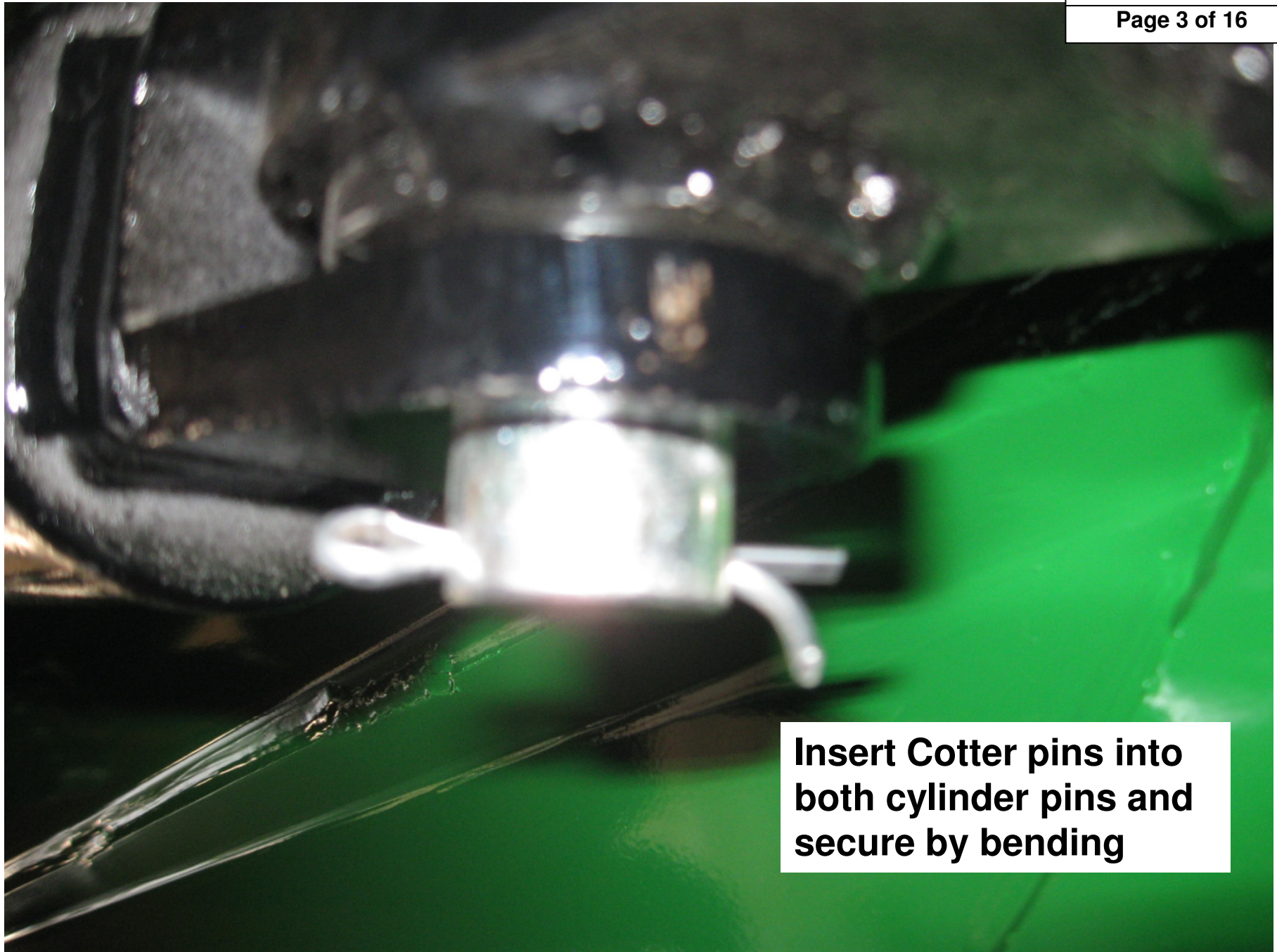
Date: 3/16/15



**Insert Rear
Cylinder Pin**



**Insert Front
Cylinder Pin**



**Insert Cotter pins into
both cylinder pins and
secure by bending**



**Tighten Bolt
on Clevis**



Secure front
hydraulic hose
and tighten

**Secure back
hose and
tighten**





Thread two nuts on the cylinder mount, one on each side of the mounting plate



**In front of front nut
the process begins
with approximately
8 threads visible**



Thread nuts snug to the mounting plate to prevent damage to the threads.

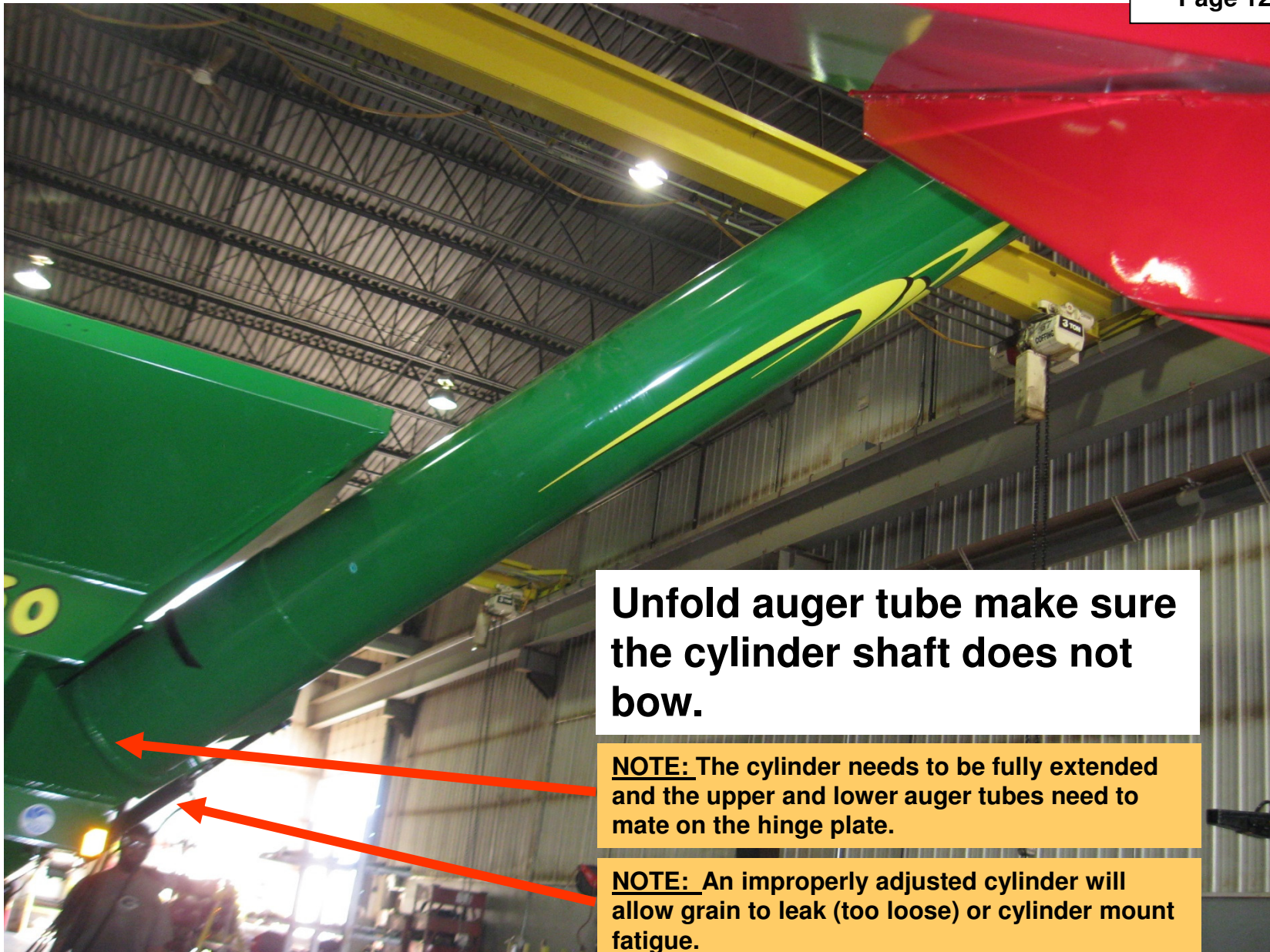
NOTE: Leave loose for further adjustments.

**Make sure that the two clevis's
are in line with each other.**





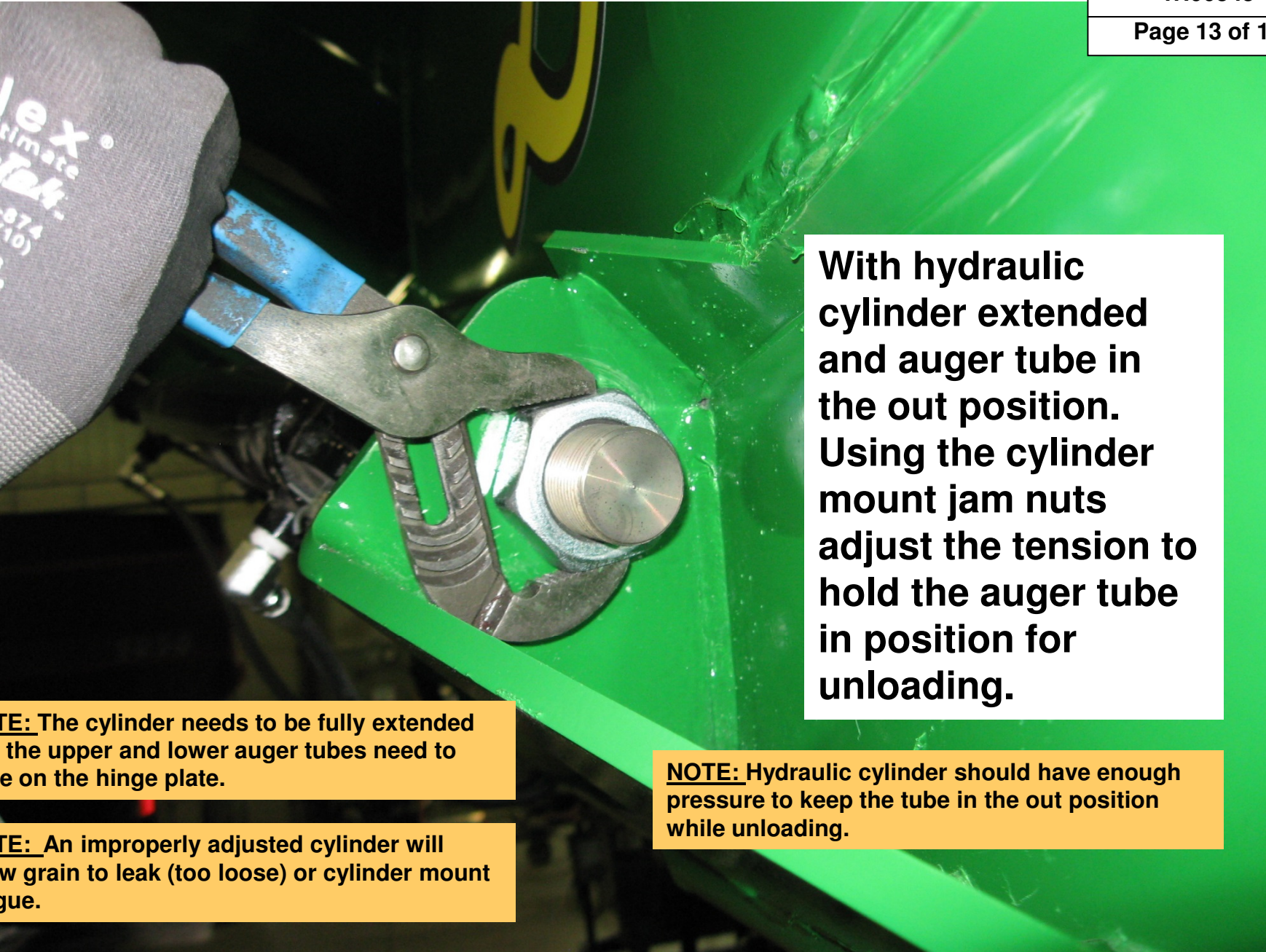
Unfold auger tube half way and return down before extending auger tube. Do this a few times to get the air out of the cylinder.



Unfold auger tube make sure the cylinder shaft does not bow.

NOTE: The cylinder needs to be fully extended and the upper and lower auger tubes need to mate on the hinge plate.

NOTE: An improperly adjusted cylinder will allow grain to leak (too loose) or cylinder mount fatigue.



With hydraulic cylinder extended and auger tube in the out position. Using the cylinder mount jam nuts adjust the tension to hold the auger tube in position for unloading.

NOTE: The cylinder needs to be fully extended and the upper and lower auger tubes need to mate on the hinge plate.

NOTE: An improperly adjusted cylinder will allow grain to leak (too loose) or cylinder mount fatigue.

NOTE: Hydraulic cylinder should have enough pressure to keep the tube in the out position while unloading.

NOTE: The cylinder needs to be fully extended and the upper and lower auger tubes need to mate on the hinge plate.



NOTE: Hydraulic cylinder should have enough pressure to keep the tube in the out position while unloading.



When the cylinder is
adjusted properly
tighten the jam nuts

NOTE: The cylinder needs to be fully extended and the upper and lower auger tubes need to mate on the hinge plate.

NOTE: An improperly adjusted cylinder will allow grain to leak (too loose) or cylinder mount fatigue.

NOTE: Hydraulic cylinder should have enough pressure to keep the tube in the out position while unloading.

Double check that the two clevis's are in line with each other.

