

Case Corporation Grain Platform/Corn Head Accessory Kit

READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLATION
Retain for future use



WARNING
Do Not attempt to service any machine without exercising the mandatory safety shut down procedure as described in the operators manual.



CAUTION
Installing this kit requires working near the tongue of the machine. **NEVER** work under a machine that is supported only by the storage jack, support the tongue on steel or wooden blocks and prevent the machine from moving by blocking the wheels.



TOOLING REQUIRED

- | | |
|----------------------|--------------------------|
| 1) Electric Drill | 4) Standard Screwdrivers |
| 2) Adjustable Wrench | 5) 7/32" Diameter Drill |
| 3) Pliers | |

LUBEMINDER COMPONENTS



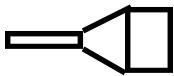
LubeMinder Pump
This is the unit that meters and dispenses the lubrication. This is a 2-piece unit, take care not to change the orientation of the top portion to the bottom portion as this may cause the unit to leak.



Manifold Valve Holder Assy.
This comes pre-installed into the Pump. There is one manifold for each oil line.



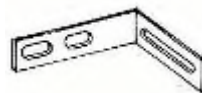
Brush Assembly
The Brush is located at the point of lubrication. Position this where it will contact the chain or sprocket without getting caught in the mechanism.



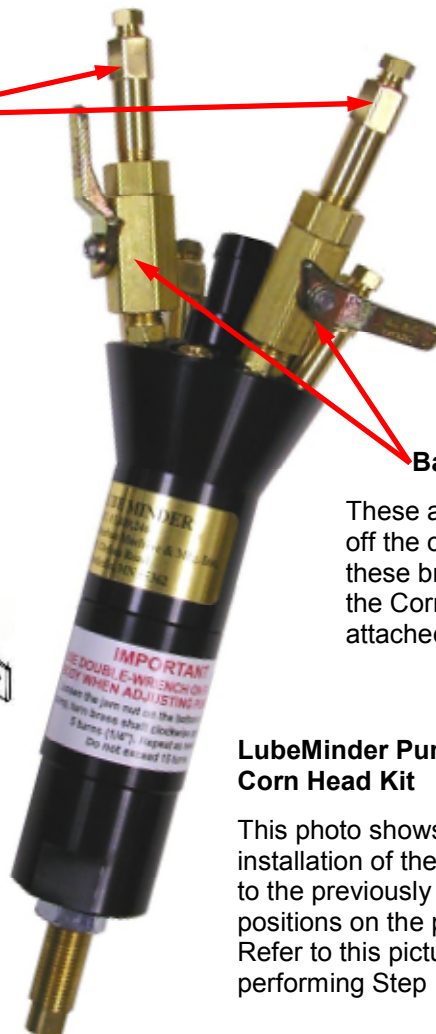
5/32 PLUG
Used to plug header lines when not in use.

Brush Brackets

These are used to mount the Brushes



Oil Feed Tubing
This tubing is used, as required, to connect the Brushes to the Manifolds.



Ball Valves

These are used to shut off the oil supply to these brushes when the Corn Head is not attached.

LubeMinder Pump Corn Head Kit

This photo shows the proper installation of the Ball Valves to the previously unused positions on the pump. Refer to this picture when performing Step 1.

IMPORTANT

Components shown here may vary slightly depending on the make and model of equipment being lubricated. Refer to detailed installation instructions for specific information.

Our engineers are available to assist you with any installation questions during normal working hours, Central Standard Time, at 1-800-782-5752 or (763)295-5635

Suburban Manufacturing Inc. believes the information presented here to be accurate. Suburban Manufacturing Inc. shall not be held liable for damage or problems caused by possible design changes by the equipment manufacturer or customer-modifications of the equipment prior to the installation of this device. Liability limited to repair or replacement of the LubeMinder unit.

Installation Instructions: Replacing Manifold with Ball Valve (shut-off) and Quick Disconnect

Step 1: Parts Layout

Quick Disconnect:
CNH Male PN:73340859
CNH Female PN: 73340860

Suburban Mfg Inc PN's:
>>Male PN: PMCD 20025
>>Female PN: PMCD 130025

Manifold
Part Number 170-4515

Ball Valve
Part Number 012-2F2F-BT

Ball Valve and Hex Nipple
>>One part number for both is
>>CNH Part Number B95659

Nipple (Male to Male)
Part Number 216P-2



Note:

- Remove Manifold on Pump and replace with components
- Starting with the nipple.
- Reminder—you can NOT put two Ball valves next to each other on top of pump

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Installation Instructions: Quick Disconnect

Step 1: The Quick Disconnect

Step A:

- Slide metal pieces over tubing
- Pushing tubing onto barbed ends



Step B:

- Push the two quick disconnects together



Step C:

- To disconnect—push release as shown



Note:

- **A ball valve shut-off must be used prior to “Quick –Disconnect”, or the pressure from the oiler will burst line.**
- **Two Ball Valves cannot be mounted next to each other on top of Pump.**

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Step 2 Refer to parts layout in Step 1. Then remove two (2) 1/8" NPT pipe plugs from the pump. Install the two ball valves and manifolds as shown, follow these instructions to complete the installation of the accessory kit installation.

Step 3 Install the two (2) 5/32" quick disconnects, as shown with the two (2) hose clamps, shown at (L). Use a 5/16" hex head bolt, nut and lock washer to secure.

Step 4 **IMPORTANT!** Route the 5/32" tubing from two (2) Manifold Valve Holders at the pump to each of these union fittings, shown at (B). (This will act as a quick connect.) Secure tubing with cable ties.

Step 5 Install the brushes and brackets over the chain and sprockets on the heads, (M). Note: Only one shown. Install brushes on the brackets with 1/2-20 jam nuts. **DO NOT TIGHTEN.** Position brackets and use as a template. Mark and drill 7/32" diameter holes. Adjust so brush will push down into the chain about 3/8 of an inch. Secure with 1/4 x 3/8" self tapping screws. Snug the jam nuts to secure the brush. **IMPORTANT: DO NOT OVERTIGHTEN BRUSHES AS DAMAGE WILL RESULT. IMPORTANT: PLEASE FOLLOW INSTRUCTIONS EXACTLY WHEN CONNECTING TUBING TO BRUSHES.** Cut the ends of the tubing squarely with a sharp cutter and put a mark 3/4" from the end of tube. Connect tubing to brush by pushing in on the orange plastic ring. While holding the ring down, insert the tube until it bottoms out. The mark on the tube should be flush with the orange ring. **IMPORTANT:** Tubing must only be removed by pushing in and holding down the orange plastic ring. Pulling the tubing out in any other way may result in damage. Connect the other end of the 5/32" tubes to the check valves on the Lube Minder pump with the compression fittings.

Step 6 Route the 5/32" oil lines from the two (2) brushes back to the 5/32" union fittings (L) and connect. Secure lines with cable ties.

Step 7 When changing heads, shut off the two ball valves on the pump. Disconnect the tubing via the quick disconnects. Refer to Step 1:Parts Layout

