

CAB

Combine Observation System



Part Number

Model(s)

BH84475.....9050 and 9060 Series Combines

Installation Time:

2 Hours

Product Information:

Customers can get a bird's-eye view of the combine's harvesting functions. The system includes two cameras, an in-cab flat screen monitor, electrical harnessing cables, connectors, camera brackets, and detailed instructions on how to install and mount the system to the combine. Additional cameras may be added to the system if the customer desires.

Heavy-Duty Cab Air Filter



Part Number

Model(s)

AH168783.....9000, 9010, 9050, 9060, 9070 Series (including STS, Walkers, CTS and CTS II Combines)

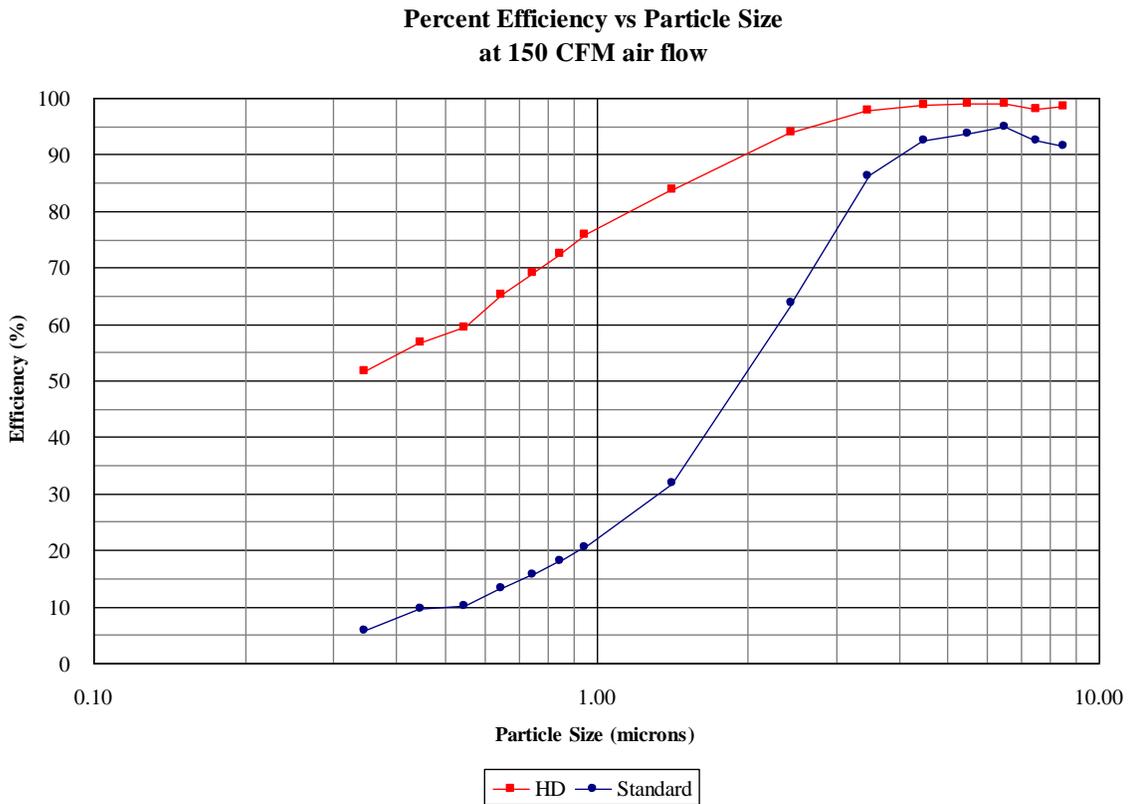
RE67830.....6620, 7720, and 8820 Combines

Product Information:

Traps dust, pollen, mold spores, and air-borne allergens preventing them from entering the cab. Surface loading makes it easy to clean. Rugged construction ensures long service life.

Customers will benefit by having a cleaner and healthier cab. This filter is ideal for customers with allergies or respiratory problems. The chart below illustrates the difference in efficiency between the heavy-duty and standard filters based on particle size. Notice that the heavy-duty filter is approximately 46% more efficient at filtering the air with smaller particle sizes.

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Halogen Infrared Light Kit



Part Number

AH172212.....

Model(s)

9000 and 9010 Series Combines

Product Information:

Customers will experience an increase light output of up to 50 percent due to an incorporated infrared coating. The fully assembled kit will light up a broad swath well ahead of the combine, providing a larger lighting pattern to reduce operator fatigue.

GENERAL

Quicklub™ Automatic Lubrication Systems



<u>Part Number</u>	<u>Model(s)</u>
272705.....	9050 and 9060 Series Walker Combines
272700.....	9050 Series STS Combines
272704.....	9060 Series STS Combines
275615.....	9070 Series STS Combines

Installation Time:

12 Hours

Product Information:

This automatic lubrication system has been designed to increase the component life and overall productivity of your equipment, while reducing labor costs related to the traditional method of point-by-point manual lubrication.

Features

- The lubrication system is fully automated
- Grease is distributed through high-pressure tubes and hoses, included in the kit
- The reservoir is small and compact with a capacity of one liter
- The 12-volt DC heavy-duty electric pump with integrated timer dispenses lubricant to the progressive metering valves at timed intervals
- Progressive metering valves positively displace and meter precise amounts of grease (TY25744 - synthetic, or TY6341) within the specified temperature range
- Lubricant is pumped to the primary metering valve, which distributes it to secondary metering valves in specific zones of service

- A newly enhanced stirring paddle (shown at right) prevents grease separation, even with long refill intervals (Note: The grease that best avoids separation is TY25744 synthetic grease.)
- Secondary metering valves deliver measured amounts of lubricant proportional to each lube point in its zone

Benefits

- Consistent and accurate lubrication is essential to maintain the reliability of equipment.
- Well-maintained equipment has fewer breakdowns, as well as improved productivity, increased profitability, and greater reliability
- Proper lubrication helps prevent contaminants from entering components
- You use less grease, which cuts cost and protects the environment
- Proper lubrication improves safety practices
- Reduced repairs allow you to concentrate on vital farm operations
- Proper lubrication means lower costs for repairs and spare parts and longer equipment life
- Well-maintained equipment has a higher resale value

Comparison of manual vs. automated lubrication

Manual lubrication	Automated lubrication
Inconsistent lubrication	Constant lubrication
Can't lubricate while running	Lubricates while machine is warm and running
Constant contamination	Closed system—no contamination
Premature pin and bushing wear	Extended pin and bushing life
Labor intensive	Less labor, less downtime
Safety issue	Quick payback on your investment

Automated Lubrication on Combines

The Payback

Dealers and farmers have told us about the true "costs" related to manual lubrication of combines. We knew costs existed but based upon their experience and the calculations reflected below, we confirmed that over \$5,500 is spent each year for daily lubrication and repairs – money that can be saved by using Lincoln automated lubrication systems!



The Analysis

Planned Down Time: Labor to manually lube a combine once a day

1/2 hour per day	Time required to do the job right with a Lincoln grease gun
x 20 acres	Acres harvested per hour
10 acres lost	Additional acres that could be harvested instead of lubing
\$ 14.00	Net income (Harvested acre of wheat – Plains)
x 10	Acres lost
\$ 140.00	Net income lost per day
\$ 140.00	Days of operation during harvest
x 30 days	
\$ 4,200.00	Annual cost for daily manual lubrication, not including hourly rate of operator

Unplanned Down Time: Costs related to a failed component

Replacement of one Fan Variable Pulley bearing	
\$ 18.00	Material cost for replacement bearing
\$ 60.00	Labor to repair – 2 hours @ \$30.00
\$ 1,400.00	Missed income – 5 hours x 20 acres/hour x \$14/acre
\$ 1,478.00	Actual cost to repair failed bearing
\$ 5,678.00	Total Cost of Lubrication Related Downtime
\$ 3,000.00 – \$ 4,000.00	Cost of an installed Quicklub® Kit

\$ 1,678.00 – \$ 2,678.00 First Year Net Savings with Quicklub®

\$ 5,678.00 Annual Net Savings Every Additional Year of Ownership

Green Combine Sealant



Part Number

Model(s)

H154379-(10.3 oz tube)..... Combines and corn heads
H217963-(2.8 oz tube)..... Combines and corn heads

Product Information:

Developed to seal the corn head drive chain covers and grain tank at the factory.

Customers will find that this sealant offers excellent adhesion and durability. This paintable sealant has a 20-year life expectancy. Now available in a convenient 2.8-oz. tube for smaller jobs.

Battery Boost Terminal Kit



Part Number

Model(s)

AH214215..... 9000, 9010, 9050, and 9060 Narrow-body Series
Walker Combines and all STS Combines

AH224079..... 9600, 9610, 9650, and 9660 Wide-body Series
Walker Combines

Installation Time:

1 Hour

Product Information:

Customers no longer have to carry a battery charger or booster cables up the ladder of a combine to charge or jump-start a dead battery.

Conveniently located at the left-rear corner of the combine, the battery boost terminal kit makes charging or jump-starting a battery easy at ground level.

Engine Air Scoop



Part Number

H216209.....

Model(s)

2005 and pre-model year STS Combines
9650 (695501-) and 9750 (695601-) STS, 9660 and
9760 (-715100) STS Combines (application for Tier 2
engines)

Installation Time:

6 Hours

Product Information:

The engine air scoop prevents material buildup on the radiator, oil cooler and air charge cooler. It is mounted high on the machine allowing it to pull clean air from above the combine. This option is ideal for customers operating in dusty field conditions.

Rotary Screen Brush Kit



<u>Part Number</u>	<u>Model(s)</u>
AH212465.....	9650, 9660, 9750, 9760, and 9860 STS Combines
AH212504.....	9560 STS, 9450, 9550, 9550 SH, 9560, 9560 SH, 9650, 9650 CTS, 9660, 9660 CTS (6850000-705303), Walker, and CTS Combines

Installation Time:

½ Hour

Product Information:

The screen brush prevents plugged rotary screens. It is designed to loosen and sweep material off the engine rotary screen, allowing the vacuum duct to pull chaff off the screen. This prevents engine coolant from overheating.

