STEP 3 – Check Tailings

If additional adjustments are required, refer to attached Combine Adjustment Flow Chart.

A. Open threshing clearance in 2 mm increments until grain damage is reduced. 
   Note: Remove concave closure strips or remove concave inserts as required to reduce grain damage.

B. Verify that cob deflector is in correct position.

C. As engine speed drops to near 10% of rated speed, set parking brake and remove key. 
   Non-ProDrive machines: (quickly pulls engine speed down to idle) 
   Non-ProDrive machines: (ProDrive attempts to repower the machine)

D. Press low idle engine speed switch fully depressed). 
   Non-ProDrive machines: 

G. Decide what adjustments are required. 
   Non-ProDrive machines: 
   Start with covers in middle concave.

H. Reduce threshing speed in 40 RPM increments.

I. Turn key switch to shut OFF engine, set parking brake and remove key.

J. Inspect for excessive grain damage. 
   Remove concave closure strips or remove concave inserts to correct the condition.

K. As engine speed drops to near 10% of rated speed, set parking brake and remove key. 
   Non-ProDrive machines: 
   Start with covers in middle concave.

L. Reduce threshing speed in 40 RPM increments.

M. Press low idle engine speed switch fully depressed). 
   Non-ProDrive machines: 

N. As engine speed drops to near 10% of rated speed, set parking brake and remove key. 
   Non-ProDrive machines: 
   Start with covers in middle concave.

O. Reduce threshing speed in 40 RPM increments.

P. Press low idle engine speed switch fully depressed). 
   Non-ProDrive machines: 

Q. As engine speed drops to near 10% of rated speed, set parking brake and remove key. 
   Non-ProDrive machines: 
   Start with covers in middle concave.

R. Reduce threshing speed in 40 RPM increments.

S. Press low idle engine speed switch fully depressed). 
   Non-ProDrive machines: 

T. As engine speed drops to near 10% of rated speed, set parking brake and remove key. 
   Non-ProDrive machines: 
   Start with covers in middle concave.

U. Reduce threshing speed in 40 RPM increments.

V. Press low idle engine speed switch fully depressed). 
   Non-ProDrive machines: 

W. As engine speed drops to near 10% of rated speed, set parking brake and remove key. 
   Non-ProDrive machines: 
   Start with covers in middle concave.

X. Reduce threshing speed in 40 RPM increments.

Y. Press low idle engine speed switch fully depressed). 
   Non-ProDrive machines: 

Z. As engine speed drops to near 10% of rated speed, set parking brake and remove key. 
   Non-ProDrive machines: 
   Start with covers in middle concave.
STEP 1 – Check Losses

1. Unthreshed loss: Increase separator speed 50 to 100 RPM to reduce unthreshed loss.
2. Unthreshed and/or Free grain losses reduced?
   - YES: Continue to harvest and calibrate VisionTrak.
   - NO: Go to Power Shutdown procedure.
3. VisionTrak indicates Cleaning Shoe losses.
4. Was chaff load too high?
   - YES: Reduce chaff load by adjusting feed accelerator or slow speed.
   - NO: Continue to harvest and calibrate VisionTrak.
5. Is chaff load in excess?
   - YES: Reduce chaff load by adjusting feed accelerator or slow speed.
   - NO: Continue to harvest and calibrate VisionTrak.
6. Are losses acceptable? Lower residue equipment, continue to harvest and calibrate VisionTrak.

STEP 2 – Check Losses

1. Unthreshed loss: Increase separator speed 50 to 100 RPM to reduce unthreshed loss.
2. Unthreshed and/or Free grain losses reduced?
   - YES: Continue to harvest and calibrate VisionTrak.
   - NO: Go to Power Shutdown procedure.
3. VisionTrak indicates Cleaning Shoe losses.
4. Was chaff load too high?
   - YES: Reduce chaff load by adjusting feed accelerator or slow speed.
   - NO: Continue to harvest and calibrate VisionTrak.
5. Is chaff load in excess?
   - YES: Reduce chaff load by adjusting feed accelerator or slow speed.
   - NO: Continue to harvest and calibrate VisionTrak.
6. Are losses acceptable? Lower residue equipment, continue to harvest and calibrate VisionTrak.

NOTE: The information provided on this chart is intended for use as a basic adjustment guide only. Some types of crop varieties and conditions may require deviations from the order given in the flow chart. Always perform one adjustment at a time. Always refer to the Operator’s Manual for proper safety guidelines.

WHEAT

1. Non Active Tailings Systems:
   - Start with covers in first concave.
2. Active Tailings Systems:
   - Start with covers in middle concave.

CORN

1. See procedure on STEP 3.
2. When shoe loads are acceptable and even across width of machine, go to STEP 3.

NOTE:
- Always refer to the Operator’s Manual for proper safety guidelines.
- When shoe loads are acceptable and even across width of machine, go to STEP 3.
- Start with covers in middle concave.
- Start with covers in first concave.
- Increase chaffer clearance (increments of 3-5 mm).
- Adjust auger diveters as described in Operator’s Manual.
- Feed accelerator set correctly.
- Threshing speed set correctly.
- Threshing clearance adjusted properly.
- Feed accelerator set to slow speed?
- Threshing speed set correctly?
- Threshing clearance adjusted properly?
- Non Active Tailings Systems:
  - Start with covers in middle concave.
  - Start with covers in first concave.
- Active Tailings Systems:
  - Start with covers in first concave.
  - Start with covers in middle concave.

RICE

1. Unthreshed loss:
   - Increase separator speed enough to separate without grain damage.
2. Was chaff load too high?
   - YES: Reduce chaff load by adjusting feed accelerator or slow speed.
   - NO: Continue to harvest and calibrate VisionTrak.
3. Are losses acceptable? Lower residue equipment, continue to harvest and calibrate VisionTrak.

SOYBEANS

1. Non Active Tailings Systems:
   - Start with covers in middle concave.
2. Active Tailings Systems:
   - Start with covers in first concave.

CORN

1. Non Active Tailings Systems:
   - Start with covers in middle concave.
2. Active Tailings Systems:
   - Start with covers in first concave.

OATS

1. Non Active Tailings Systems:
   - Start with covers in first concave.
2. Active Tailings Systems:
   - Start with covers in middle concave.

CANOLA

1. Non Active Tailings Systems:
   - Start with covers in middle concave.
2. Active Tailings Systems:
   - Start with covers in first concave.

RICE

1. Unthreshed loss:
   - Increase separator speed enough to separate without grain damage.
2. Was chaff load too high?
   - YES: Reduce chaff load by adjusting feed accelerator or slow speed.
   - NO: Continue to harvest and calibrate VisionTrak.
3. Are losses acceptable? Lower residue equipment, continue to harvest and calibrate VisionTrak.

SORGHUM

1. Non Active Tailings Systems:
   - Start with covers in middle concave.
2. Active Tailings Systems:
   - Start with covers in first concave.

GLUE FLAP
- No Color, No Varnish

NUTCH