



# STANDARD/TRANSFER HOPPER ASSEMBLY

## For S08, S10, S13, A189 and A190

Lock out power to the auger before assembling.

1. Remove access covers and clean paint and dirt from flightshaft end. Insert Woodruff key into flight shaft end as shown in **Figure No. 1**.
2. Raise hopper tube to correct angle, then bring hopper and tube sections together, carefully sliding the flightshaft end with Woodruff key into the angle drive. Connect the hopper and tube section with the following hardware and re-install any access covers.  
**8" and 10"**: eight 7/16" x 1" bolts and locknuts.  
**13"**: twelve 7/16" x 1" bolts and locknuts.

### IMPORTANT

*To prevent damage, you must maintain correct angle when inserting flightshaft end into angle drive until tube is secured to the hopper section. Allowing tube or hopper to drop will bend the flightshaft end, causing it to bind in the angle drive.*

3. Thoroughly lubricate the angle drive. Keep angle drive well lubricated.

**NOTE:** After connecting the hopper and tube sections, check whether the angle drive is properly aligned. You should be able to rotate the hopper flight by hand if the angle drive is aligned. THE ANGLE DRIVE WILL REQUIRE A BREAK-IN PERIOD OF AT LEAST 2 TO 3 LOADS.

4. Clean wheel axles on hopper bottom of any paint and dirt.

5. Install the two wheels to hopper with a washer and cotter pin. The washer should be between wheel and cotter pin.
6. Install rubber extension on inside hopper lip with the following hardware (see **Figure No. 2**):  
**8" and 10"**: twenty 5/16" x 3/4" bolts and washer locknuts, eight long and two short flat iron straps .  
**13"**: twenty-eight 5/16" x 3/4" bolts and washer locknuts, ten long and two short flat iron straps.

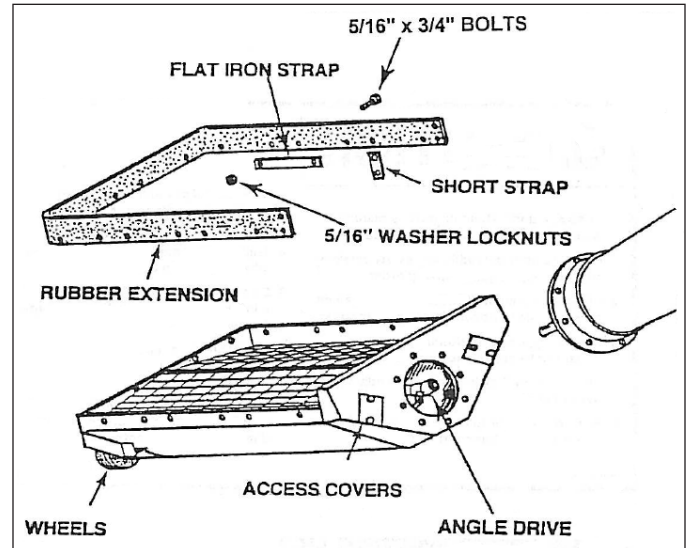


Figure No. 2

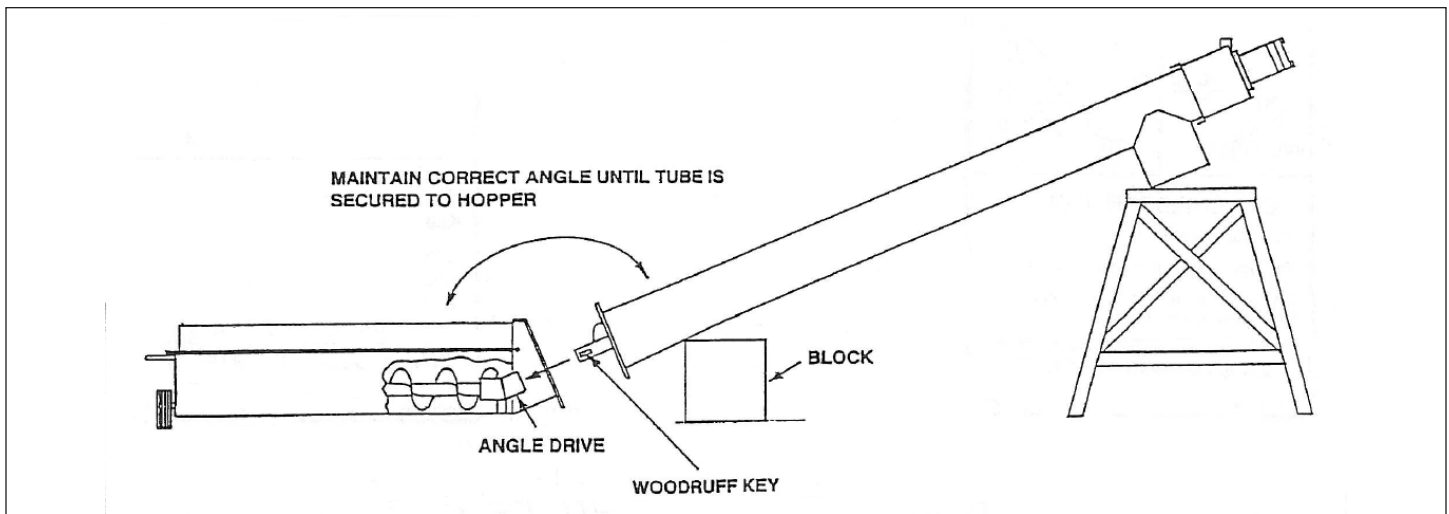


Figure No. 1

7. Lubricate the angle drive after every 8 hours of operation. **Use high temperature grease.**

**NOTE:** If the angle drive in hopper runs hot AFTER an appropriate break-in period, this may mean the angle drive is not properly aligned. To correct, first lock out power, then loosen bolts securing the angle drive and adjust or shim up until the flight can fairly easily be rotated by hand.

**S08/S10/S13 ONLY**

See separate instructions for the **Hydraulic Drive**, **Electric Drive** and **Wheel Kit** options.



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