



**S-Series™**  
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# Technical Service Information Bulletin

## Chute Rotation Speed

**Date:** June 18, 2020

**Bulletin Name:** FDM-TSIB-011

**Model:** Oshkosh S-Series

**Units Affected:** MY 2020 and newer Front Discharge Mixers

### Purpose:

Oshkosh engineering has identified a chute speed inconsistency on some 2020 model year S-Series front discharge mixers.

### Operational Impact:

Affected trucks will have chute speeds that are faster in one direction and slower in the other direction. Chute left/right timing should be 15 seconds  $\pm$  1 second and up/down should be 9.5 seconds  $\pm$  1 second.

### Recommended Action:

Follow the procedure in this bulletin to verify the manifold electrical connections and chute hydraulic connections are correct.

1. Locate the chute hydraulic manifold behind the front bumper. See Figure 1.
2. Verify all chute hydraulic manifold electrical connections are connected to the manifold correctly. See Figure 1.

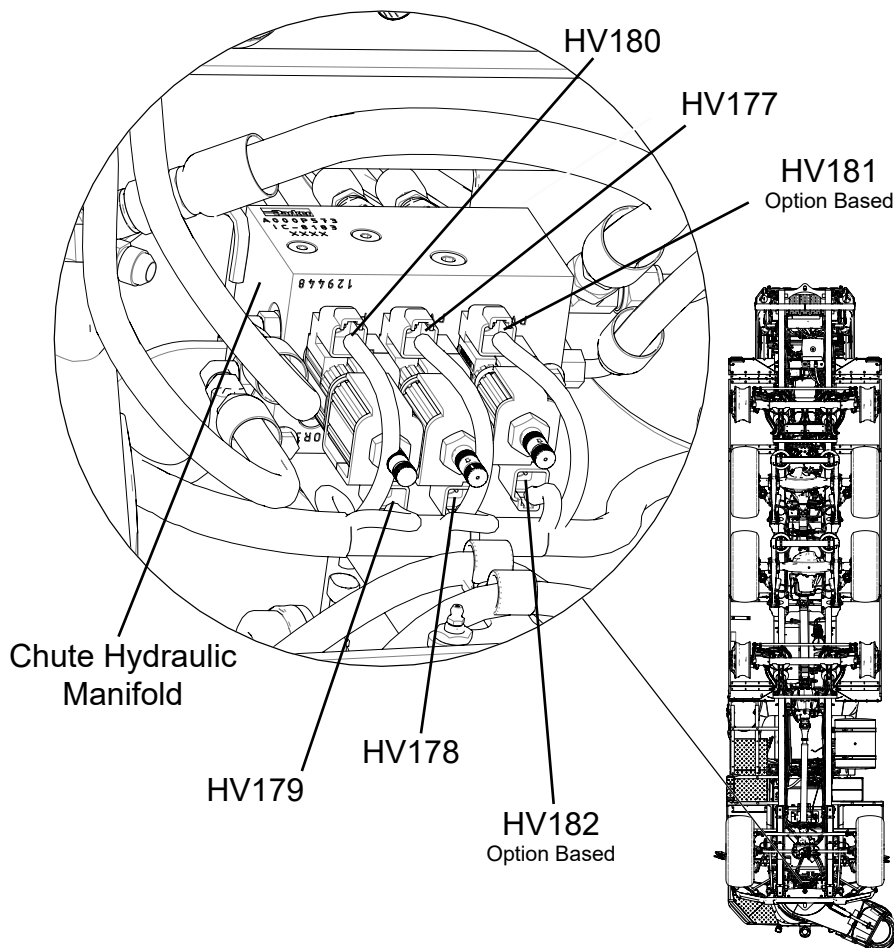


Figure 1. Power Chute Hydraulic Manifold (Bottom View of Truck)

3. Verify the two lift cylinder hydraulic lines are connected correctly between the chute hydraulic manifold and lift cylinder manifold. See Figure 2.

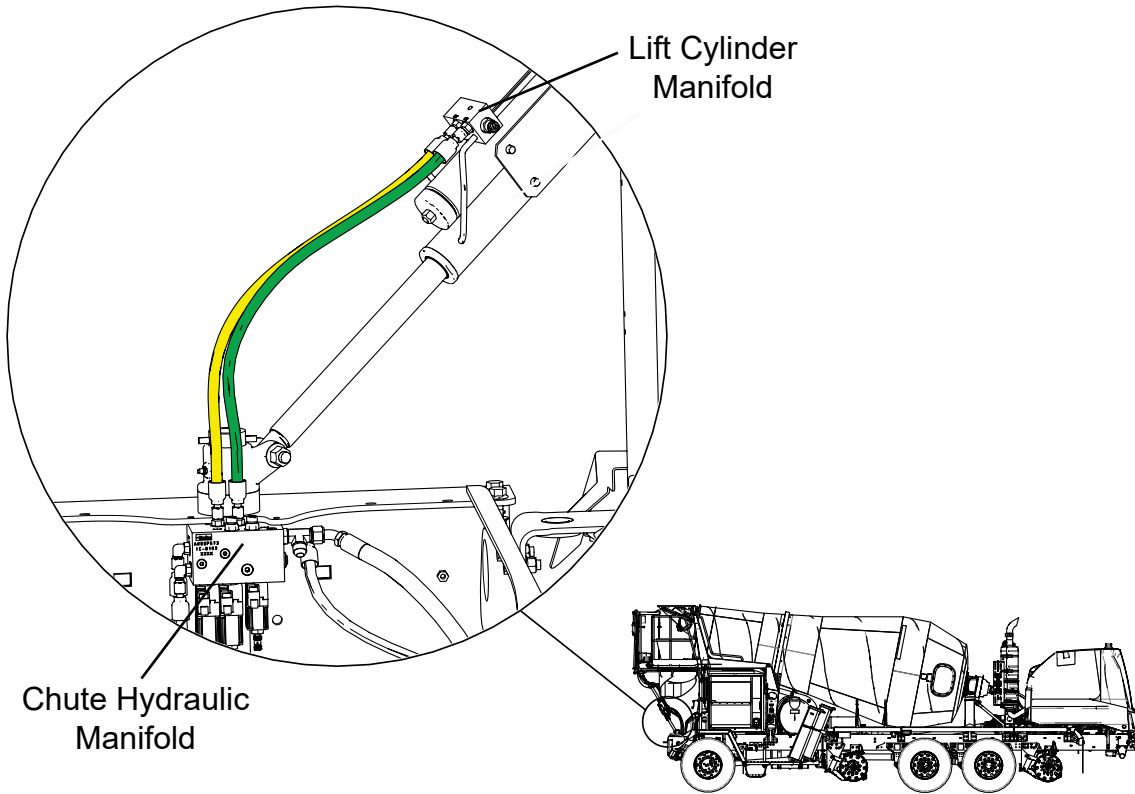


Figure 2. Lift Cylinder Hydraulic Connections

4. Verify the two hydraulic lines from the chute hydraulic manifold to the frame rail connectors are connected correctly. See Figure 3.

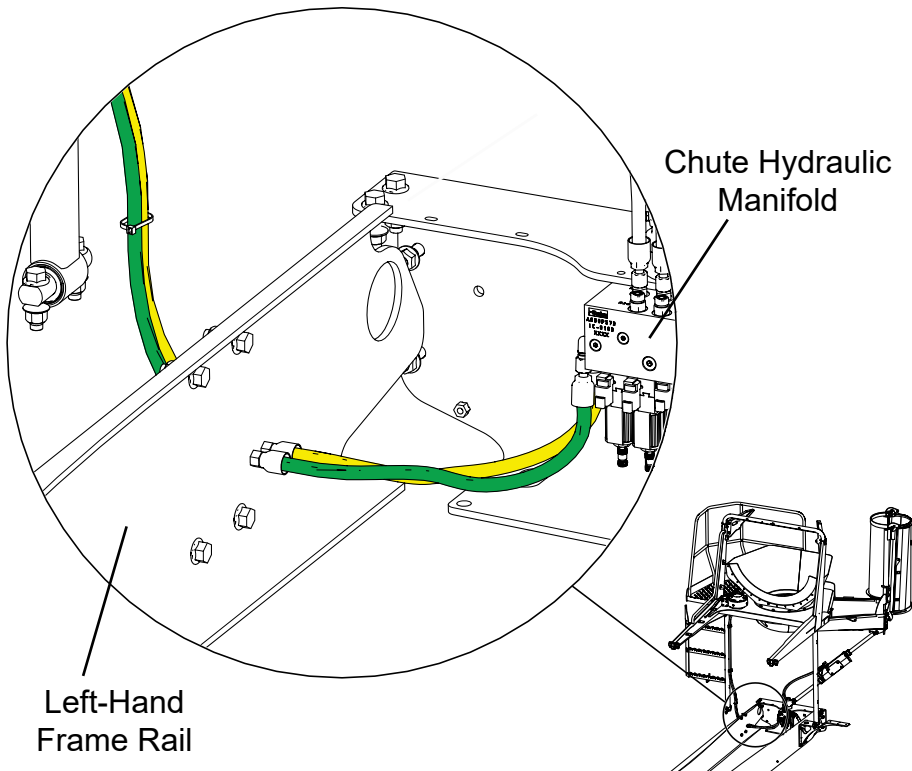
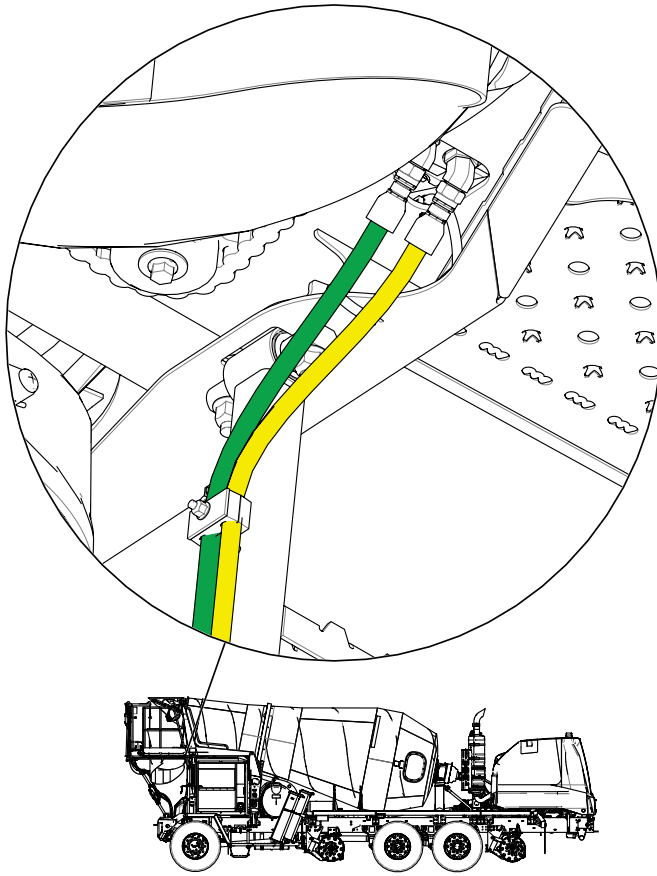


Figure 3. Chute Hydraulic Manifold to Frame Connectors

5. Verify the two hydraulic lines from the left-hand frame rail connectors to the chute rotation gear box hydraulic motor are connected correctly. See Figure 4.

Correct  
Hydraulic Line Connections



Incorrect  
Hydraulic Line Connections

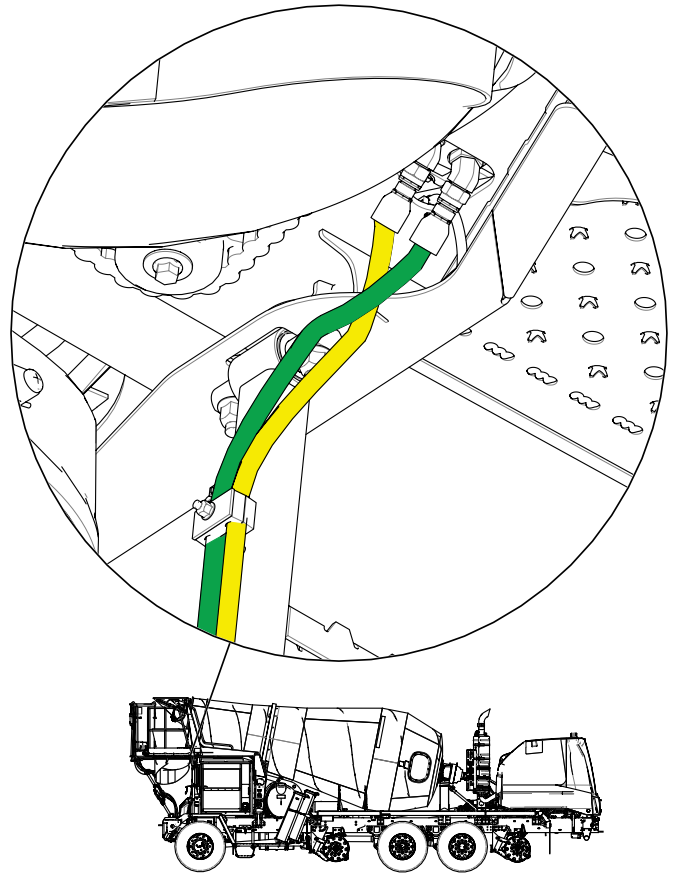


Figure 4. Chute Rotation Gear Box Hydraulic Motor Lines

**Continuous Improvement:**

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