

General Information

Mono-Block Main Control Valve

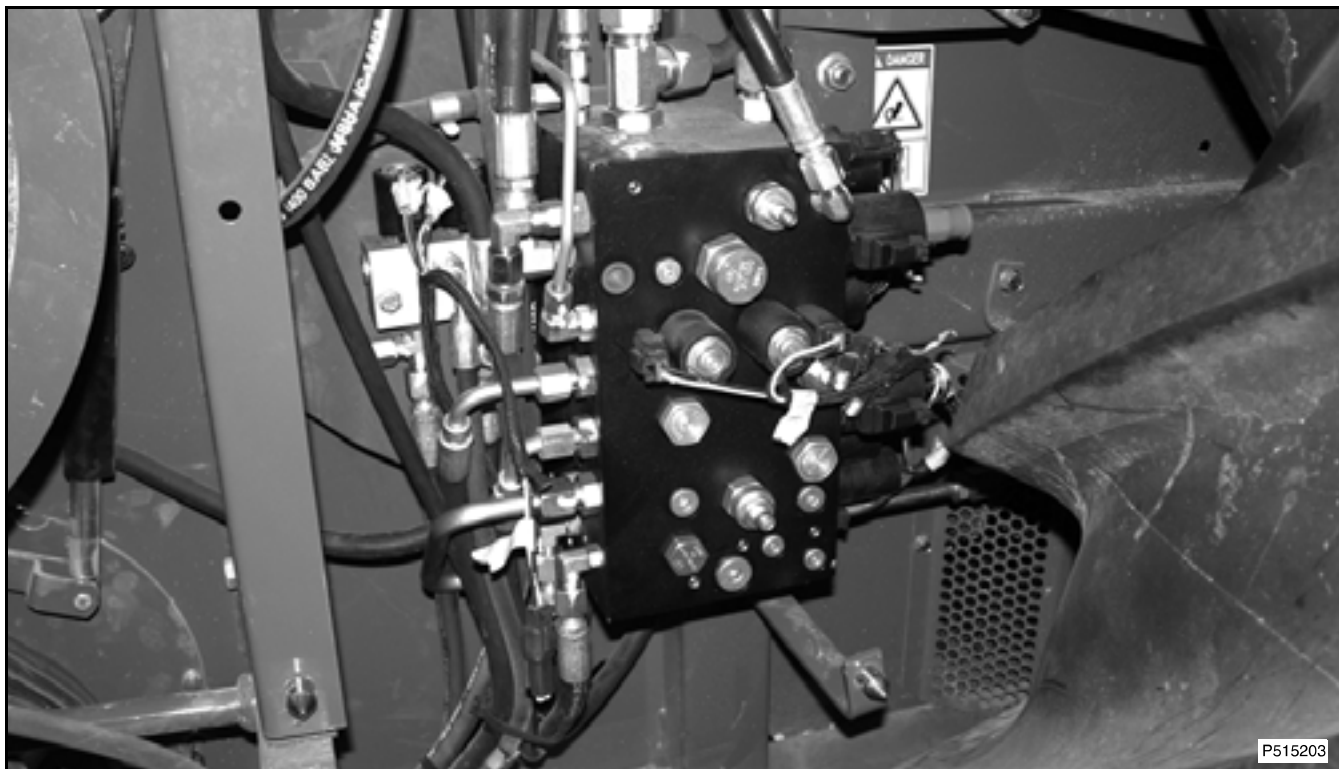


FIG. 10

FIG. 10: The machine is equipped with a main hydraulic control valve made up of many different valves and adjustments. The main control valve body contains valves that control:

- (1) Chaff Spreader (option)
- (2) Rotary Screen
- (3) Reel Speed/Header Pickup Speed
- (4) Header Lift and Lower / Draper Float
- (5) Unloading Auger Swing
- (6) Feed Reverser
- (7) Reel Lift and Lower/Header Variable Speed
- (8) Reel Fore and Aft / Draper Tilt Up and Down

The following functions in the control valve are load sensed (pressure and flow compensated):

- (1) Chaff Spreader
- (2) Rotary Screen
- (3) Reel Speed/Header Pickup Speed
- (4) Header Lift

The following functions in the control valve are connected to load sense through the master (load sense) solenoid valve (are only flow compensated):

- (5) Unloading Auger Swing
- (6) Feed Reverser

(7) Reel Lift/Header Variable Speed Increase / Draper Float

(8) Reel Fore and Aft / Draper Tilt Up and Down

The non-load sensing functions of the main control valve are:

(9) Header Lowering

(10) Reel Lowering/Header Variable Speed Decrease / Draper Float

Lateral Tilt Valve

FIG. 11: The lateral tilt valve is located under the right hand side of the cab.

The lateral tilt valve is pressure and flow compensated (load sensed) in both the manual and the automatic mode.

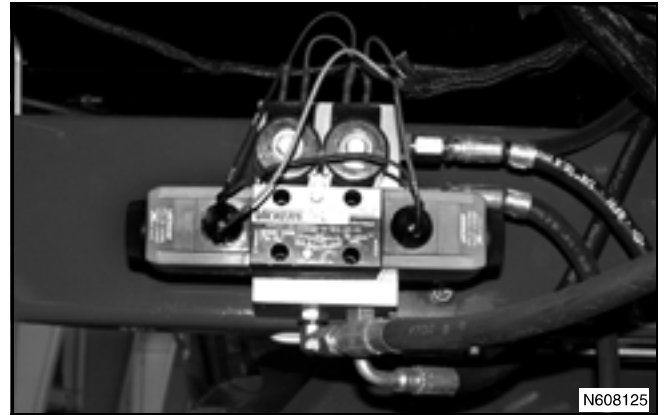


FIG. 11