

Product: ED-JD7020SF Installation Kit

Issue: If a hydraulic remote is “locked on” there is a chatter when e-Drive is engaged.

Solution: Move pressure and load sense to the steering side of the priority valve.

Required parts for installation:

- (A) 760-2082 Adapter, Hyd. 90 Elbow - #6mJ x #4mB90
- (B) 760-2049 Adapter, Hyd. 90 Elbow - #6mORB x #6morf90
- (C) 760-2040 Adapter, Hyd. 90 Elbow - #6maleORB x #6forf90
- (D) 760-0009 Assy, Hyd. Dynamic Load Sense Valve

1. Move Pressure Line

The pressure hose is currently connected to the bottom port on the hydraulic valve stack. Move the hose and adapter fitting to the top right port as shown in figure 1. Relocate the test port fitting removed from the top port to the bottom port. (Figure 1)



Figure 1. Pressure location

2. Install Dynamic Load Sense Valve

- a. Assemble the Dynamic Load Sense Valve as shown in Figure 2a. Fitting **(A)** is connected to the pilot port, fitting **(B)** is connected to the B port and fitting **(C)** is connected to the A port of the Dynamic Load Sense Valve. (Figure 2a)

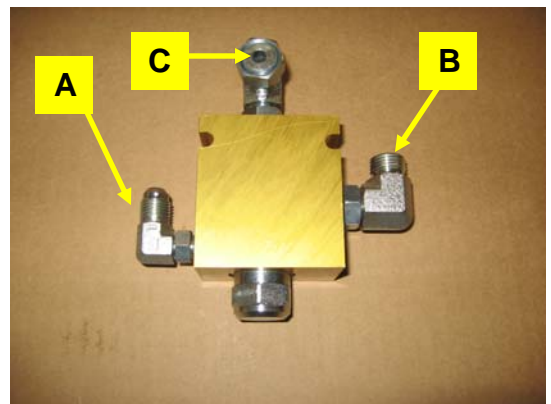


Figure 2a. Assembled Dynamic Load Sense Valve

- b. Remove the load sense line from the bottom of the hydraulic valve stack. Attach the adapter fitting **(C)** of the Dynamic Load Sense Valve to the bottom of the hydraulic valve stack. Reattach the tractor load sense line to adapter fitting **(B)** on the Dynamic Load Sense Valve. Leave the connections loose until the install is complete. (Figure 2b and 2c)

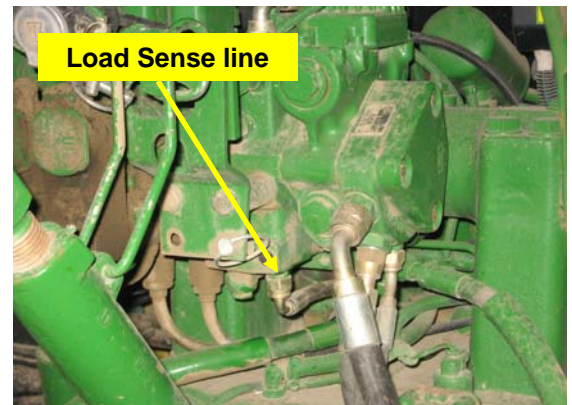


Figure 2b. Tractor Load Sense location

- c. Remove the Load Sense Shuttle used in the initial e-Drive installation. Reconnect the factory lines that were connected to the Load Sense Shuttle. (Figure 2d)
- d. Reroute the rubber e-Drive Load Sense line to the bottom of the hydraulic valve stack and connect it to **(A)** on the Dynamic Load Sense Valve. (Figure 2c)

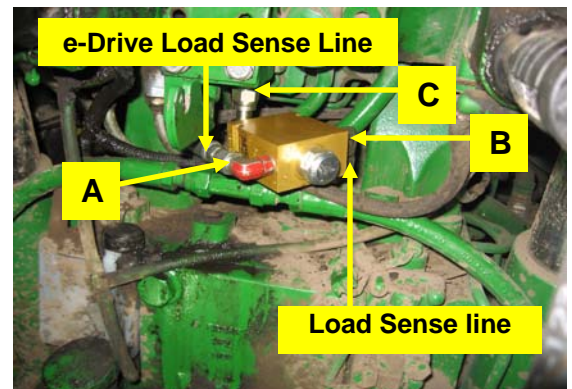


Figure 2c. Dynamic Load Sense Valve location

- e. Tighten all fittings and check for oil leaks.

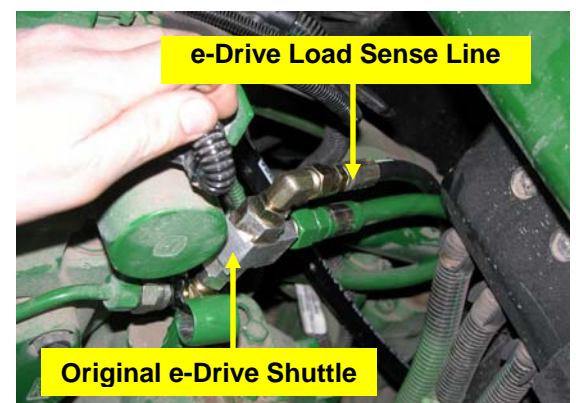


Figure 2d. Original shuttle location