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DESCRIPTION AND OPERATION OF FWD DRIVE WITH ELECTRO-HYDRAULIC COUPLING

The **electrohydraulically operated FWD** is engaged by pressing the switch on the control panel. By turning on the switch, the electrical impulse to the solenoid valve control relay is deactivated. With the solenoid valve de-energized, the oil supply to the mobile coupling internal chamber is interrupted, causing the parts to engage and the oil to drain from the control circuit.

The **FWD is disengaged** by turning off the switch on the control panel. This sends an impulse to the relay which, in turn, energizes the control solenoid valve. With the solenoid valve energized, oil is supplied to the mobile coupling internal chamber and the FWD disengages. Lubrication is guaranteed by the oil in the rear transmission gearbox.