

E.D.R. IV Control Systems

RPM Style: SET RPM Speed

Additions: Remote Start Engine, Remote Stop Engine, Crane & Cooler Fan Power

Remote RPM Switch Style: 2 position (on/off)

Remote Start Switch: 2 Position (off/mon-on)

Remote Stop Switch: 2 Position (off/mon-on)

Cooler Fan Switch: 2 Position (on/off) or connect to a temperature sensor switch

Crane Power Switch: 2 Position (on/off)

Pin# 1 - Tee into the ground side of the PTO light wire allowing the engagement of the PTO to activate the E.D.R. Control System or to chassis ground.

Pin# 2 - 12v output to the crane or to the radio remote.

Pin# 3 - See the ECM Guide Sheet.

Pin# 4 - 12v input, connect to the Crane On/Off dash switch or if the PTO engagement switch is used to turn on the system connect to 12v key power.

Pin# 5 - 12v input for the SET RPM command.

Pin# 6 - See the ECM Guide Sheet.

Pin# 7 - 12v output for the Cooler Fan.

Pin# 8 - See the ECM Guide Sheet.

Pin# 9 - 12v input, connect to the Cooler On/Off switch or to the cooler temperature switch.

Pin# 10- Connect to 12v 15 amp fused power source, supplies 12v to the Crane or Radio.

Pin# 11- Tee into the starter wire from the key switch going to the Starter Solenoid.

Pin# 12- To ECM switched feed wire. (See Note 1)

Pin# 13- 12v input for the SHUTDOWN command.

Pin# 14- 12v input for the START ENGINE command.

Pin# 15- To ECM switched feed wire. (See Note 1)

Pin# 16- Connect to 12v, 15 amp fused power source, supplies 12v to the Cooler & Starter solenoid

1)Note: The ECM switched feed wire has to be cut. The one wire will be joined to pin# 12 and the other wire will be joined to pin# 15.