

BIPCON

Booster Inlet Pressure CONTROL For Diesel-Powered Booster Pumps

- Matches booster pump speed to the load
- Maintain selected booster inlet pressure
- Eliminate the need for an operator
- Booster speed is always just right
- Reduces booster pump cavitation
- Maximizes booster efficiency
- Reduces fuel consumption
- Increases production
- Reduces pump wear
- Increases profit

How BIPCON Works:

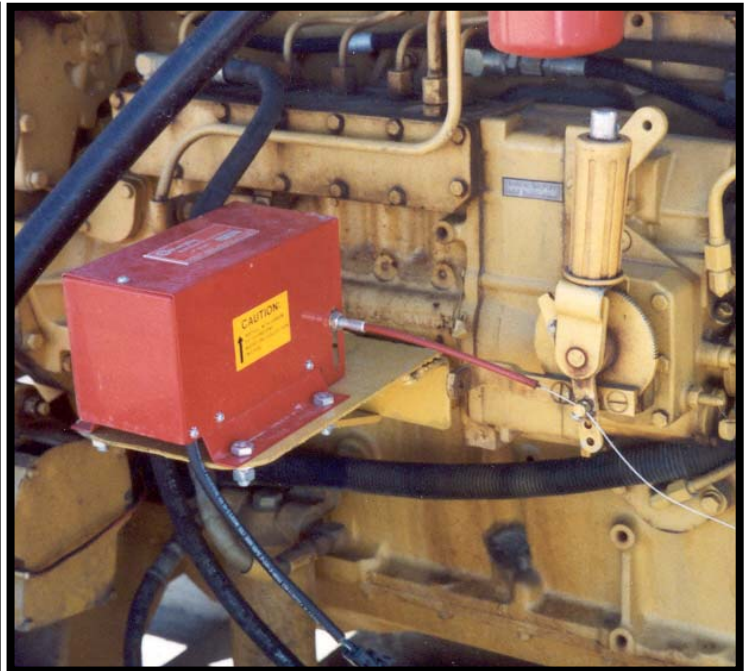
Adjust the pressure sensor/selector high and low setpoints to bracket the desired booster inlet pressure.

When the booster inlet pressure falls below the setpoint pressure, the throttle actuator decreases the engine speed, causing the inlet pressure to increase to the setpoint value.

When the booster inlet pressure rises above the setpoint pressure, the throttle actuator increases the engine speed, causing the inlet pressure to decrease to the setpoint value.



BIPCON control and display enclosure shown in use on a floating booster.



BIPCON throttle controller on a CAT engine.

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