

CLUTCH PUMP CONTROLLER

Dual Speed

FEATURES & BENEFITS

- ◆ Deactivates Ford's engine idle timer
- ◆ Commands engine idle speed to 675 RPM for clutch pump operation & 1280 RPM for hydraulic tool operation
- ◆ Reduces fuel consumption & emissions when clutch pump is engaged
- ◆ Can engage OEM shift lock to prevent vehicle movement when bucket or outriggers are not stowed
- ◆ Actively monitors CAN network for vehicle data
- ◆ "Plug & Play" OEM vehicle harness connectors; no cutting of factory wires
- ◆ Solid state, microprocessor controlled unit
- ◆ CPU performs self-diagnostics every time the vehicle is started
- ◆ Intermittent Fault Filter® (IFF) technology, filters out erroneous changes in sensor signals



For Work Trucks

OVERVIEW

- ◆ Cancels the Ford idle timer controller by sensing:
 - ◆ Pump Operation
 - ◆ CPC commands 675 RPM
 - ◆ Hydraulic Tool Operation
 - ◆ CPC commands 1280 RPM
- ◆ Safety Features
 - ◆ Vehicle must be in park
 - ◆ Park brake applied
 - ◆ Vehicle engages shift lock when bucket or outriggers are not stowed feature included



Rev. C

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PTO vs. Clutch Pump + CPC Controller Example Calculation

2009 F-550- 6.4L Powerstroke	Generic PTO @ 1280 RPM	Clutch Pump + InterMotive CPC Controller @ 675 RPM
Cost of System	\$ 900	\$ 1,100
Additional System Cost		\$ 200
Hours of Operation/ Day	2	2
Days of Operation/ Week	5	5
Fuel Consumption- PTO (gal/hr)	1.05	0.69
Total Hours of Operation/Year	520	520
Total Gallons/ Year	546	359
Annual Savings (gallons)	—	187
% Savings (Gallons)	—	34%
Price of Fuel	\$ 4.00	\$ 4.00
Annual Fuel Bill during Pump Op.	\$ 2,184.00	\$ 1,435.20
Annual Savings	—	\$ 748.80
Break Even (Months)		3.2
Lbs. of CO2 per Gallons of Diesel	22.4	22.4
CO2 (lbs/year) during Pump Op.	12,230	8,037
Savings (CO2 lbs/year)		4,193

**Contact InterMotive for your customized worksheet



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