



## EXECUTIVE SUMMARY – FUEL CONSUMPTION FIELD TRIAL

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### Test Description

Fuel economy testing on a Cummins ISX over a period of 5 months.

### Test Objective

Evaluate fuel economy benefits derived from using Bully Dog's Cummins Power Pup downloader in real world conditions.

### Test Facility

The test vehicle ran same route every week weighing between 70 to 80 thousand pounds.

### Test Program

Before installation the Cummins ISX was averaging 4.4 MPG.

Both the Bully Dog Power Pup economy tune and the economy with power tune were loaded onto the vehicle and then the tractor/trailer ran its normal routes.

### Vehicle

Model: 2006 Peterbilt 379X  
Transmission: 18 Speed  
Gear Ratio: 3:36  
Engine: Cummins ISX

### Fuel Type & Fuel Measurement System

The fuel used during the test was a standard #2 diesel fuel.

Fuel economy was measured by the number of miles driven divided by the number of gallons burned. The results were then compared to the average fuel economy before installation over the life of the tractor.

### TEST RESULTS

Both the economy tune and the economy with power tune have been installed on this tractor. The economy tune increased fuel economy to 4.8 MPG for a 9% increase in fuel economy. When the economy with power tune was installed the average climbed to 5.2 MPG and a 18% increase in fuel economy.

**Driver comments:** "It's definitely worth the money to get one and I'd never go back to not having one. It's like driving a completely different truck."