



## EXECUTIVE SUMMARY – FUEL CONSUMPTION FIELD TRIAL

Parke Cox Trucking Co, St. George, Utah

### Test Description

Fuel economy testing on a Detroit DDEC IV engine over a period of one month

### Test Objective

Evaluate fuel economy benefits derived from using Bully Dog's Detroit Power Pup™ Downloader in real world conditions.

### Test Facility

The test vehicle completed a 3600 mile round trip originating in St. George, Utah.

### Test Program

Before installation the Detroit DDEC IV was averaging 5.63 MPG for a 3 month period leading up to the test.

The Bully Dog Power Pup was loaded onto the vehicle and then the truck completed a normal long haul trip.

### Vehicle

The Truck is a Class-8 diesel truck with a Detroit DDEC IV engine

### 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.

### TEST RESULTS

Over the entire month the average fuel economy improvement was 9.95% above the baseline with a fuel economy average of 6.19 MPG.

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