



## EXECUTIVE SUMMARY – FUEL CONSUMPTION FIELD TRIAL

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### Test Description

Fuel economy testing on 2 Cummins ISX engines over a period of three months.

### Test Objective

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

### Test Facility

Truck X ran from Irving, Texas to Grapevine, Texas one day and the next day ran to Broken Arrow, Oklahoma and Tulsa, Oklahoma. This alternating pattern continued throughout the trial.

Truck Y ran to Ft. Smith, Arkansas then to Gainesville, Florida and finally to Denton, Texas during the trial.

### Test Program

Before installation Truck X had traveled 60,925 miles and used 11,148.3 gallons of fuel for an average of 5.46 miles per gallon.

Before installation Truck Y had traveled 60,216 miles and used 11,945.7 gallons of fuel for an average of 5.04 miles per gallon.

Bully Dog Power Pup™ tunes were loaded onto both Truck X and Truck Y and the trucks drove their normal routes.

### Vehicles

Truck X and Truck Y are Class-8 diesel trucks with Cummins ISX engines.

### 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

Bully Dog's Power Pup™ delivered an average fuel economy improvement of 4.87% over stock for Truck X over the 3 month trial.

Bully Dog's Power Pup™ delivered an average fuel economy improvement of 11.25% over stock for Truck Y over the 3 month trial.

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