BULLY DOG
#1 IN PERFORMANCE

EXECUTIVE SUMMARY – SAE J1321 FUEL CONSUMPTION TEST

For Bully Dog Technologies, San Angelo, Texas USA

Test Date: October 20, 2008

Test Description

On-Road fuel economy industry standard test method simulating long-haul operation.

Test Objective

Evaluate fuel economy benefits derived from using Bully Dog's Power Pup™ downloader under controlled conditions on a 2008 Cummins DPF ISX engine.

Test Facility

SAE J1321 "Joint TMC/SAE Fuel Consumption Test Procedure – Type II"

This recommended practice provides a standardized test procedure for comparing the in-service fuel consumption of two conditions of a test vehicle or of one test vehicle to another when it is not possible to run the two or more test vehicles simultaneously.

Test Program

The SAE J1321 procedure was conducted utilizing fully serviced trucks. One control truck and one test truck operated simultaneously.

A single complete SAE J1321 Type II fuel economy test consists of a baseline segment and a test segment. A valid segment consists of three test laps having a spread in test/control fuel consumption ratios not greater than two percent of the highest test/control fuel consumption ratio (T/C ratio).

The test route or lap was 40 miles in accordance to SAE J1321 and was representative of long-haul operations.

Vehicle

The control and test vehicles were Class-8 diesel trucks.

The Control Vehicle was an International 9400 with a Cummins ISX engine, while the Test Vehicle was an International Pro Star with a Cummins ISX engine. Both the control and the test vehicles were pulling identical loads of a gross vehicle weight (GVW) of 80,000 lbs during the test.

Fuel Type & Fuel Measurement System

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

Weigh tanks were installed on the tractors for the specific purpose of the test and were used for fuel consumption measurement..

TEST RESULTS

Bully Dog's Power Pup™ delivered an average fuel economy improvement of 7.07% over the control vehicle.

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