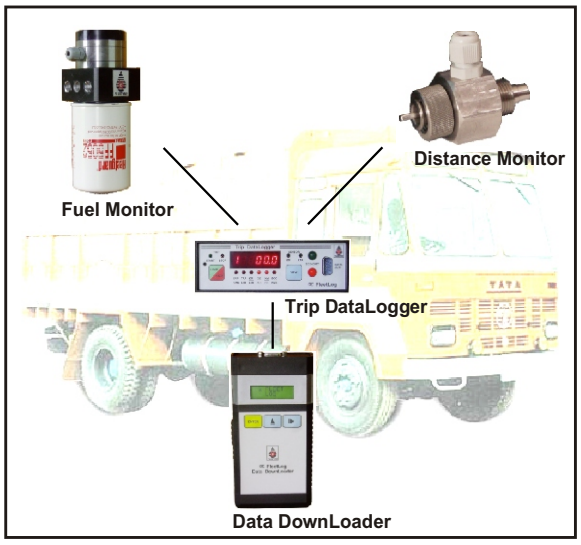
FleetLog : Vehicle Efficiency Monitoring System

For Commercial Trucks,Buses & Taxis



Specifications

Power Supply :	12V Vehicle Battery
Measured Parameters	*Net Fuel Consumption (Litres) *Distance Travelled (Kms) *Engine RPM
Accuracy of Fuel Measured	± 0.5% of reading
Accuracy of Kms measured	± 0.001 KM
Display	6 Digit, 7 Segment Red LED
Parameter Displayed	*Fuel Consumed *Kms travelled *Engine RPM *Vehicle Speed *Gear Position *Instantaneous Efficiency (Kms/Lit.) *Real Time and Date
Data Storage	Max. 90 days between data downloading
Software Utility	Fleet Reporter Occupied disc Space - 30 KB OS required : Windows 98 & above
Driver Prompting	Through audio visual signal

Introduction

FleetLog is Fluidynes unique innovation for measuring and improving vehicle Efficiency (Mileage). Apart from enlightening the Fleet owner on the actual consumption of diesel and the correct distance travelled to curb pilferage of diesel, the system analyses the drivers driving habit which affects the mileage and monitors overspeeding to promote safe driving. The system focuses on training the driver to drive efficiently and safely to achieve the best possible mileage. .

Features

Measures net fuel consumption and the distance travelled.
Calculates and logs detailed overall trip efficiency in Kms/Litre.
Computes gear position and usage highlighting driving efficiency.
Logs distance travelled in most efficient zone.
Prompts driver to use the best gear for given road condition.
Helps driver to maintain economy driving conditions during crusing.
Logs distance travelled above programmed speed limit.
Provides real time and date.
Provides vehicle and driver performance reports through PC.

Trip Analysis Reports

Overall Efficiency

Date : 18/08/03
User : Fluidyne
Vehicle ID : MH 12 AR 6852
Trip No : A17

Start Date : 17/08/03 Stop Date : 18/08/03
Start Time : 20:15 Stop Time : 1:08

Overall Trip Data

Date	KM	Litre	KM/Lit
17/08/03	161.0	36.4	4.4
18/08/03	31.4	7.4	4.2
Total	192.4	43.8	Trip Average 4.3

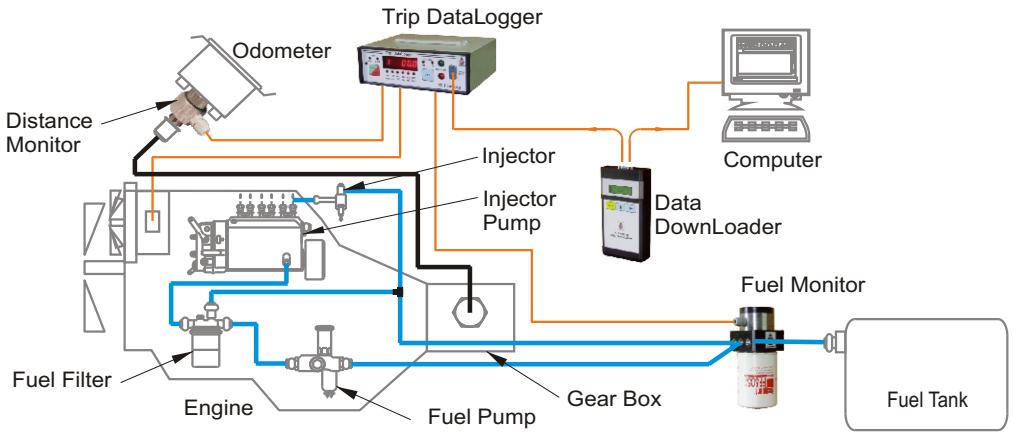
Driver Efficiency / Safety

Date : 18/08/03
User : Fluidyne
Vehicle ID : MH 12 AR 6852
Trip No : A17

Driver Efficiency / Safety Data

Date	KM	Driver Efficiency KM						Driver Safety				
		Gear										
		1st	2nd	3rd	4th	5th	Eco.	Peak Speed KM/Hr	Over Speed KM	Free Wheel KM	Night KM	Term. 5 sec. Mtrs
17/08/03	161	0.6	1.2	12.3	8.9	138	19.2	93.0	68.3	0.5	55.7	0.3
18/08/03	31.6	0.1	0.2	3.7	2.6	25	3.8	72.0	0.4	0.3	31.4	0.1
Total		0.7	1.4	16	11.5	163	23	Total	68.7	0.8	87.1	

Installation



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