

DRIVEN DIESEL PERFORMANCE  
94-97 7.3L OBS FUEL PUMP WIRING HARNESS  
WITH PUMP CONTROL MODULE



# "OBS" ELECTRIC FUEL SYSTEM FUEL PUMP WIRING HARNESS

Fits 94-97 7.3L Powerstroke Diesel



## Installation Guide



**INSPECT CONTENTS OF THIS KIT  
THOROUGHLY **BEFORE** STARTING  
THE INSTALLATION PROCESS!**

**IF YOU FIND A PROBLEM WITH YOUR PACKAGE:**

- **KEEP ALL OF THE PARTS & PACKAGING TOGETHER**
- **DO **NOT** ATTEMPT INSTALLATION OF THE PRODUCT**
- **PROMPTLY NOTIFY YOUR SELLING DEALER**
- **PROVIDE DEALER WITH PHOTOGRAPHS IF REQ'D\***
- **WAIT FOR FURTHER INSTRUCTIONS FROM DEALER**

**\*WE RESERVE THE RIGHT TO REQUEST  
PHOTOGRAPHS OF PACKAGING OR PARTS  
IN ORDER TO PROPERLY ADDRESS ANY  
SITUATION INVOLVING EITHER DAMAGED  
OR MISSING ITEMS.**

**THANK YOU FOR YOUR COOPERATION!**

**T**hank You for purchasing the Driven Diesel OBS Fuel Pump Wiring Harness! **Please thoroughly read and familiarize yourself with this manual before proceeding with the installation of this product.** After reading these instructions, if you feel that the installation is beyond your capability, please have this kit installed by a qualified mechanic.

**Please don't hesitate to contact us should you have any questions.**

## **Parts List for Driven Diesel 7.3L OBS Fuel Pump Harness**

Please use the following parts list to become familiar with this kit. ALL of the parts listed below should be contained in your kit.

<b><u>Qty:</u></b>	<b><u>Part Number:</u></b>	<b><u>Description:</u></b>
1	HARNESS	Assembled OBS Fuel Pump Harness w/Pump Control Module
1	PIGTAIL	Assembled Harness Pigtail with Fusible Link
1	PRESSURE SWITCH	Pre-Set Oil Pressure Switch w/Protective Boot
2	RING TERMINALS	Fuel Pump Ring Terminals w/Heat Shrink
2	SPADE TERMINALS	Pressure Switch Spade Terminals w/Heat Shrink
1	FUSE ADAPTER	Fuse Adapter with Pigtail
1	BUTT CONNECTOR	Butt Connector for Fuse Adapter w/Heat Shrink

## **Some of the Basic Tools Needed for Installation:**

Metric Combination Wrench Set  
Wire Cutters / Strippers / Crimpers  
Heat Gun or Similar (for shrink tube)

SAE Combination Wrench Set  
12v Test Light or DVOM

## **Let The Fun Begin!**

The Driven Diesel OBS Fuel Pump Harness was designed to operate an electric fuel pump in a 94-97 truck just like the factory pumps operate in the later Super Duty trucks. At "key on", the pump will run to build fuel system pressure during the "Wait to Start" cycle. If the engine is started, the oil pressure switch will keep the pump running until the engine is shut down. If the engine is not started, the Driven Diesel Fuel Pump Controller will shut the pump off after about 20 seconds of operation. This allows the ignition key to be turned on without concern of the fuel pump running unnecessarily.

In addition to the step by step instructions, you will find a wiring diagram on page 4 to help with the installation.

1. Plug the Fusible Link Pigtail into the Main Wiring Harness, then connect the ring terminals to the appropriate battery terminals (red = positive, black = negative).
2. Leaving a little slack in the harness, select a suitable location to mount the fuel pump relay to the inner fender. You can use a self tapping screw or an existing screw (if available). We do NOT recommend the use of only a cable tie (zip tie) for the mounting of the relay.
3. Route the harness down the inner fender and along the frame to the fuel pump. The harness is left intentionally long for use with different pumps and mounting locations. Leaving some slack, cut the red and black leads to length, crimp on the supplied ring terminals and use a heat gun to seal the shrink tube seals...then connect the leads to the fuel pump terminals (red = positive, black = negative). **Look CLOSELY at the terminals on the pump and make sure you get the wires on the correct terminals!**
4. Using Figure 1 as a guide, install the oil pressure switch into the block. This location is directly behind the oil filter header and directly below the exhaust manifold outlet on the drivers side of the engine. The switch has pipe thread, so a sealant such as Teflon tape will need to be used.
5. Insert the Yellow and Black wires through the holes in the rubber boot and install one of the female spade terminals onto each wire, making sure to use a heat gun to seal the shrink tube seals. Connect the leads from the wiring harness to the oil pressure switch...**it does NOT matter which lead goes to which terminal**...and install the rubber boot over the switch.
6. The only remaining connection is the long blue wire. This wire needs to be connected to a **KEY-ON 12v+** power source. For best results, we prefer to route this wire into the cab and install it into either **FUSE 6** or **FUSE 17** in the fuse panel using the provided fuse panel adapter. Simply unplug the fuse from the location you wish to use, plug in the adapter, and plug your fuse into the open spot on the adapter. Your original fuse will continue to protect the original circuit, and the small fuse in the adapter will protect the pump harness circuit.

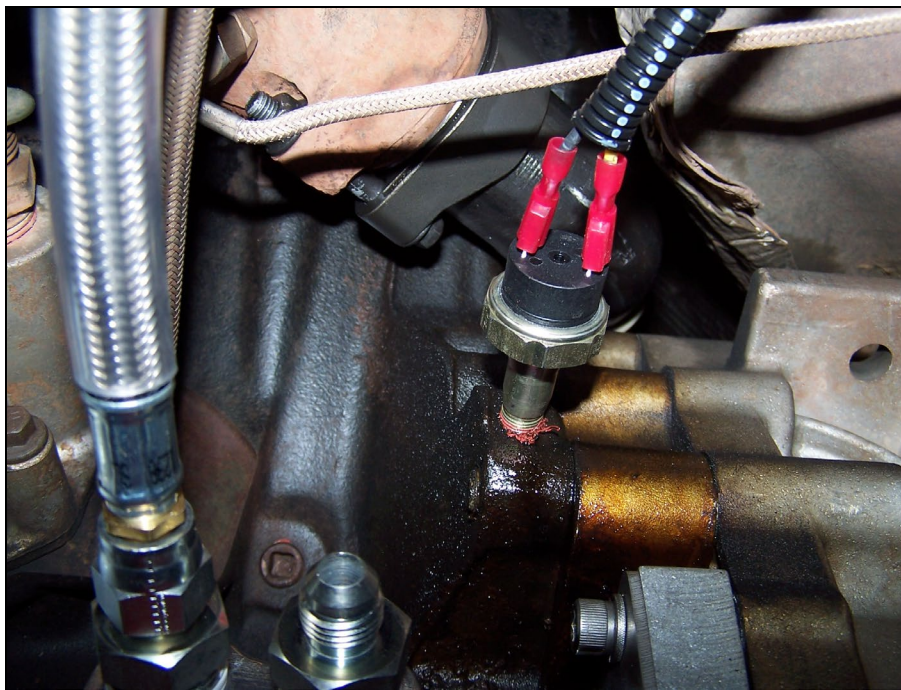
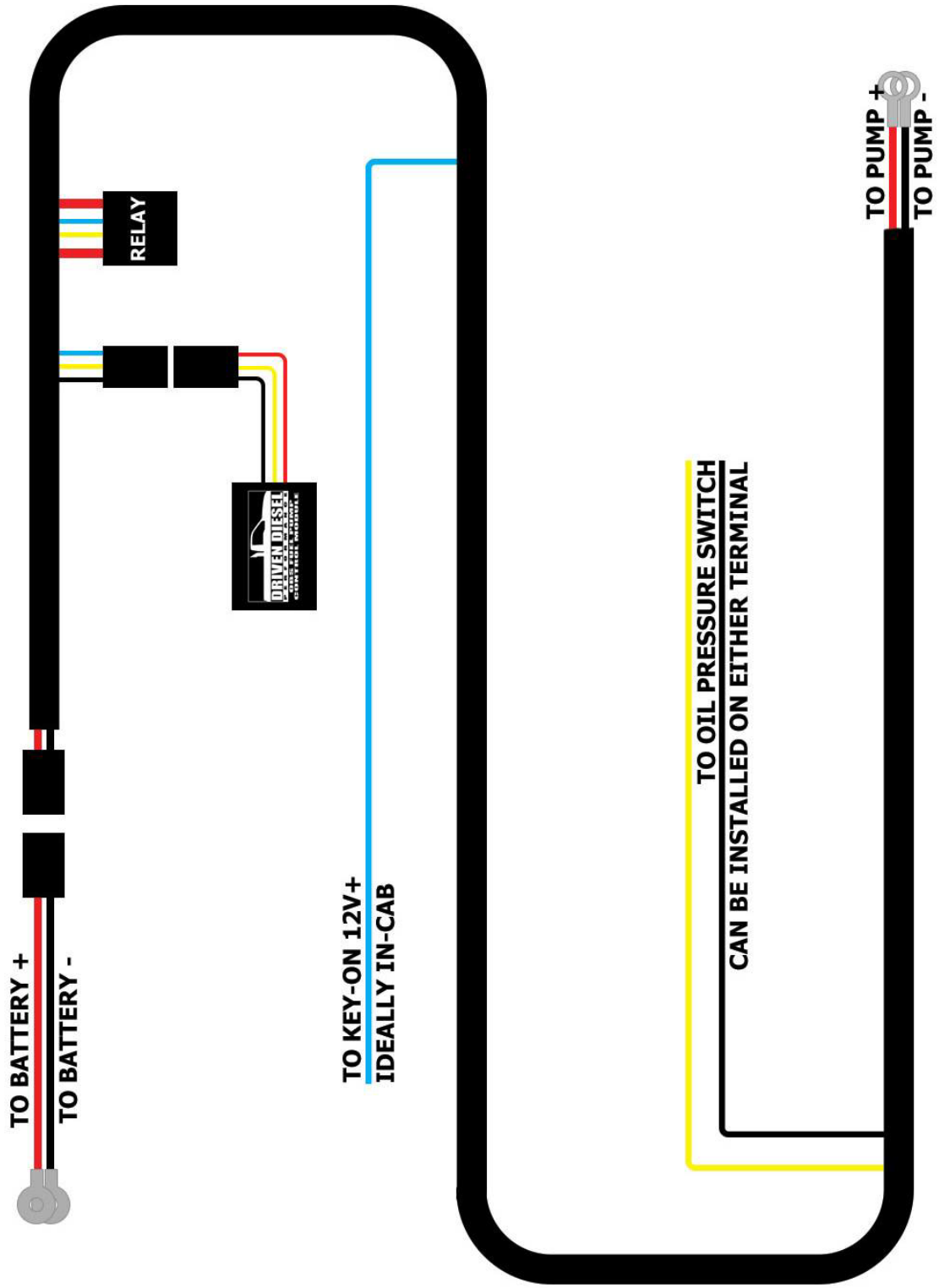


FIGURE 1 – OIL PRESSURE SWITCH INSTALLED – DRIVERS SIDE OF ENGINE BEHIND OIL FILTER



# 94-97 "OBS" FUEL PUMP WIRING HARNESS

## INSTALLATION DIAGRAM



# S DIESEL, LLC (dba STRICTLY DIESEL AND/OR DRIVEN DIESEL\*) WARRANTY AND LIABILITY POLICY

**MANY OF THE PRODUCTS SOLD BY S DIESEL, LLC, ARE DESIGNED TO INCREASE VEHICLE PERFORMANCE...USE AT YOUR OWN RISK!**

**Do not install or use any product(s) purchased from S DIESEL, LLC ("S DIESEL") until you have carefully read the following Warranty and Liability Policy (the "Warranty").**

## PRODUCT WARRANTY POLICY

Subject to the limitations, exclusions, and qualifications set forth below, the product or the products made and sold by S DIESEL (the "S Diesel Product" or "S Diesel Products") are warranted to Buyer as set forth in this Warranty. The installation of the S Diesel Products indicates that Buyer has read, understands and agrees to the terms and conditions of this Warranty. Any warranty on products that are made by another manufacturer which are resold by S DIESEL to Buyer is made to Buyer by the manufacturer of such products in accordance with and subject to all conditions and limitations of the manufacturer's warranty in effect on the date of the purchase by Buyer. S DIESEL makes no warranties to Buyer, express or implied, with respect to such products that are made by another manufacturer.

### LIMITED WARRANTY

The S Diesel Products (except S Diesel Products specified to have different warranty terms) are warranted to be free from defects in material and workmanship, under normal use and service for a period (the "Product Warranty Period") of one (1) year from date of delivery to Buyer, unless S DIESEL performs the work installing the S Diesel Products, in which case the Product Warranty Period shall be extended to equal the Service Warranty Period (as defined below under "SERVICE WARRANTY POLICY"). S DIESEL's liability under this Warranty is limited to repair or replacement at its option, subject to the provisions set forth herein, of any S Diesel Products which upon examination S DIESEL are found to be defective. Buyer shall prepay cost of transportation of defective S Diesel Products to S DIESEL for inspection.

S DIESEL shall not have any responsibility under this Warranty unless (1) the defect in an S Diesel Product results in a claim arising within the Product Warranty Period, measured from the date of delivery to Buyer, (2) the S Diesel Product, if installed by an installer other than S DIESEL, was properly installed, (3) the S Diesel Product was normally maintained and not subject to misuse, negligence or accident, and (4) the S Diesel Product, system components and/or accessories were not repaired or altered in such a way that in the judgment of S DIESEL the S Diesel Product's performance or reliability was adversely affected.

### EXCLUSIONS

Any of the above warranties by S DIESEL shall not apply if Buyer's vehicle is in an accident, misused, neglected, altered from the S Diesel Product's manufacturer original designs or specifications or serviced in connection with a warranty claim hereunder without prior written approval of S DIESEL.

### REMEDIES EXCLUSIVE

Repair or replacement of defective S Diesel Products in accordance with the Limited Warranty above shall be Buyer's exclusive remedy for and shall constitute satisfaction of any and all liabilities of S DIESEL with respect to any defect in any S Diesel Product whether based in warranty, contract, tort, negligence, strict liability or otherwise.

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**IN THE EVENT BUYER DOES NOT AGREE WITH THE TERMS AND CONDITIONS OF THIS WARRANTY, BUYER MAY PROMPTLY RETURN THE PRODUCT TO S DIESEL FOR A FULL REFUND. THE PRODUCT MUST BE IN NEW, UNUSED AND RESELLABLE CONDITION, BE RECEIVED WITHIN FIFTEEN (15) DAYS OF THE ORIGINAL PURCHASE AND BE ACCOMPANIED BY A DATED PROOF OF PURCHASE (RECEIPT). PRODUCTS RETURNED IN NEW, UNUSED AND RESELLABLE CONDITION MAY STILL BE SUBJECT TO RESTOCKING/REPACKAGING FEES.**

**THE INSTALLATION OR USE OF ANY PRODUCT PURCHASED FROM S DIESEL INDICATES THAT BUYER HAS READ, UNDERSTANDS AND AGREES TO THE TERMS AND CONDITIONS OF THIS WARRANTY.**

### ASSIGNABILITY OF WARRANTY

This Warranty is for the exclusive benefit of Buyer and is not assignable.

### WARRANTY CLAIMS PROCEDURE

Warranty claim forms can be printed from the company websites (<http://www.drivendiesel.com> (Products) and <http://www.strictlydiesel.com> (Services)). A properly completed warranty claim form and a copy of the invoice for any defective Product or Service must be received by the Seller within the earlier of 30 days after the expiration of the Warranty Period or the incident giving rise to the claim. To qualify for an adjustment under this Warranty a defective Product must be returned prepaid to the Seller for inspection and must be accompanied by a dated proof of purchase receipt. In addition, the serial number of the defective Product, if any, must match the serial number on Buyer's invoice. All Warranty claims are subject to approval by the Seller and/or the Product's manufacturer. Buyer must pay all applicable service charges and taxes. Defective Products accepted for warranty compensation become the property of the Seller. To qualify for an adjustment under this Warranty a vehicle upon which S Diesel Services have been performed must be delivered to the Seller during Seller's hours of operation for inspection and must be accompanied by a dated proof of purchase receipt.

### WAIVER

Any failure of the part of S Diesel to insist on strict compliance with the Warranty Provisions shall no way constitute a waiver of such right. No claim or rights arising out of a breach of the Warranty Provisions by Buyer may be discharged in whole or in part by a waiver of the claim or right, unless the waiver is in writing signed by an authorized representative of S Diesel. S Diesel's waiver or acceptance of any breach by Buyer of any provisions of the Warranty Provisions shall not constitute a waiver of or an excuse for nonperformance as to any other provision of the Warranty Provisions nor as to any prior or subsequent breach of the same provision.

### APPLICABLE LAW

The Warranty shall be governed by the laws of the State of Arizona (excluding Arizona law with respect to conflicts of law).

\* Driven Diesel was formerly known as ITP Diesel, LLC and Sinister Diesel, LLC.