

DRIVEN DIESEL PERFORMANCE
5/8" FUEL TANK PICKUP TUBE KIT



DD-58-PICKUP



7.3L & 6.0L 5/8" FUEL TANK PICKUP

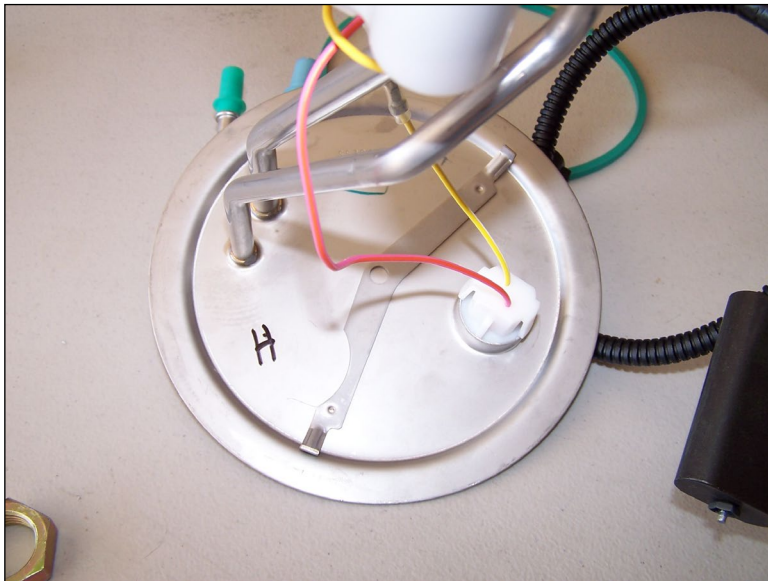
Fits 94-07 7.3L & 6.0L Trucks & Excursions

Installation Instructions (99-07 Trucks)

These instructions are intended simply to be a guide for the installation of a large pickup assembly into the stock fuel tank of a Ford Super Duty Truck (SHOWN) or Excursion (NOT SHOWN). If you have any questions, please don't hesitate to contact us by telephone or e-mail, we'll be glad to answer them.

Remove the Fuel Tank from the truck and remove the sending unit assembly by unscrewing the large plastic retainer ring. HINT: Leave the retainer ring in the sun and the tank in the shade; this will make reinstalling the ring easier later.

Measure the distance from the top of the sending unit mounting location on the tank to the bottom of the tank...retain this measurement for later use. For plastic tanks, it is a good idea to have the tank sitting on a pair of 2x4s so that the bottom of the tank retains its "natural droop".



The "H" marks the approximate location for the Hole that needs to be drilled.

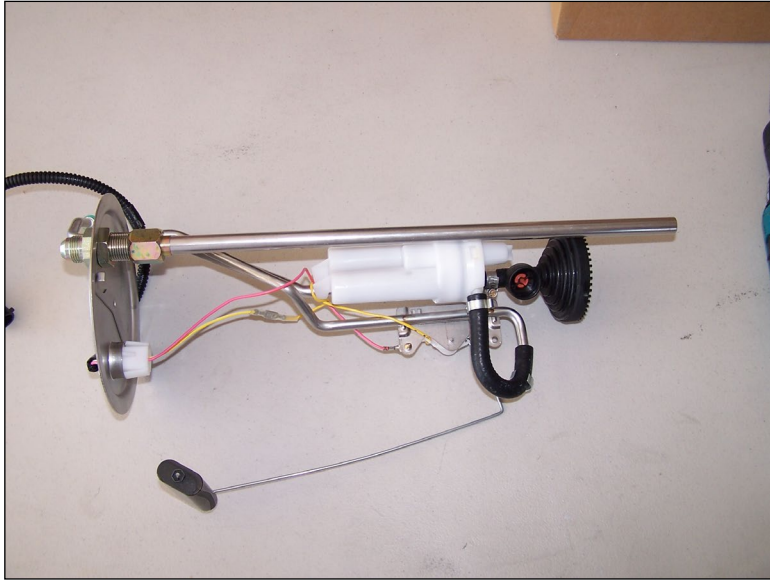


We recommend the use of a stepped drill bit for drilling the sending unit plate, these typically result in the best quality hole. The hole should be drilled just large enough for the bulkhead fitting to fit through without leaving too much gap around it.



After drilling and deburring the hole and cleaning the pickup assembly, the bulkhead fitting installs from the top (with a sealing washer on each side of the factory sending unit plate) and is secured with the large nut on the bottom as seen in pictures on the next page. **TIGHTEN NUT SECURELY.**

Slide the tube sleeve (large end first) over the pickup tube, then the tube nut. The sleeve should protrude through the bottom of the nut as shown.



Secure the pickup tube to the bulkhead fitting as shown.

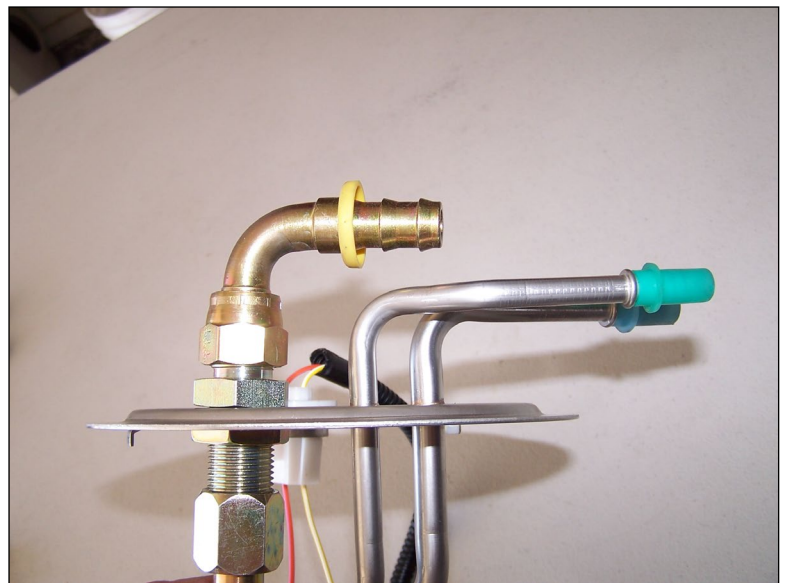
NOTE: the pickup tube is longer than the stock pickup assembly. Using the measurement you took earlier along with a tubing cutter, shorten the pickup tube to $\frac{1}{4}$ " shorter than the fuel tank depth. This will insure that the tube is not resting on the bottom of the tank when installed. It is also helpful to file an angle on the end of the tube to ensure that accidental contact with the tank can't block it completely. Check end of tube for burrs and clean if needed.

When installed in the truck, the 90° hose end will be pointing in the same direction as the stock pickup and return lines as shown in the picture to the right.

The 90° hose end provided with the kit is a "Push Lok" type fitting. This fitting requires the use of a clamp when used with "NON-Push Lok" compatible hose. If you received this assembly as part of a Driven Diesel Fuel Delivery System, the hose included is "Push Lok" compatible and no clamp is required.

Installation of this fitting requires some muscle. We recommend keeping the fitting **COLD** and the hose warm until you're ready to work with them.

It is helpful to put the end of the hose into a bucket of **HOT** water just prior to installing the fitting as this helps to soften the hose temporarily, making it easier to work with. We also recommend lubricating the barbed portion of the fitting to help the hose slide on more easily.



Installation is simply a matter of pushing the hose onto the fitting until it seats in the bottom of the yellow stop disc. As easy as that sounds, this typically requires putting the fitting in a bench vise and putting your weight into getting the hose onto it. When properly installed, the hose will be fully seated against the yellow stop ring. Rest assured, once it's on, the only way it's coming off is with some kind of cutting tool.

Once the sending unit is modified and cleaned, it can be reinstalled into the tank, and the tank reinstalled into the truck. Pay close attention to the stock fuel lines, making sure to reconnect the return line as it will still be in use and you don't want any leaks. Capping the stock pickup tube on top of the tank is recommended as it will keep debris out and prevent unwanted fuel leakage. Also, don't forget to reconnect the sending unit wiring harness or your fuel level gauge won't work.

Make sure you use a backup wrench on the bulkhead fitting when tightening the 90° hose end!

You're now ready to finish plumbing the rest of your fuel system.

Installation Notes (94-97 Trucks)

We don't have specific pictures of the installation in 94-97 OBS Trucks because there are options. Generally, when installing this kit, it is part of a larger fuel system installation with a larger fuel pump. Be aware that this means that you will NO LONGER be able to run both fuel tanks, you will be running that larger fuel pump from whichever fuel tank you install this pickup tube in.

Due to a lack of space above the rear fuel tank, this tube is generally installed in the top of the front tank in these trucks. Before removing the fuel tank, look above it and determine the location where you would like to install the pickup tube. You need ample room above the tank surface for the 90° and hose. You can install the pickup tube in the sending unit top plate, or directly in the top of the fuel tank, whichever you prefer. Refer to the above "general instructions" for drilling the hole and securing the bulkhead fitting and the tube. When installed, the bottom of the tube should be ¼" from the floor of the tank. If it is too close, it will restrict the pickup...and if it is too far you may experience "sucking air" at low fuel levels.

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").

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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.