



CONVERSION INSTRUCTIONS INSTALLING MODEL FPS1 INTO 2005 SUPER DUTY PICKUP

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The ignition harness of the 2005 Ford Super Duty pickup has been changed from previous model years. A Diesel Turbo Lifesaver (DTLS) with the early ignition plug (black body with bolts and threaded inserts) can be installed into a 2005 truck with a minimum of difficulty.

The first step in the conversion process is to obtain a set of installation instructions for Diesel Turbo Lifesaver Model FPS2. These instructions can be downloaded from the following link on the web: <http://thebritebox.com/DTLS.install.html>. If you do not have access to the internet, we will be happy to fax you a set of instructions. Simply call the number at the bottom of this page.

It will be necessary for you to "tag" the wires that go to the harness of your DTLS model FPS1 to the equivalent wires of the DTLS model FPS2.

Please note that you may have to obtain some solderless electrical connectors to perform this conversion.

STEP 1: Identify MALE plug of your DTLS FPS1. The male plug is easily identified as it has a securing bolt in the middle of it. Male plug only has ONE wire going to DTLS's brain box.

STEP 2: Make a tag out of a piece of masking tape that says "BLACK / WHITE". Attach tag to black wire in MALE ignition plug that goes to DTLS's brain box.

STEP 3: Make a tag that says "BLACK". Attach tag to black wire of DTLS's FEMALE ignition plug that DOES NOT splice into PINK wire and goes to DTLS's brain box. Note: There may not be a wire spliced into the pink wire if you have a 15 minute run time DTLS FPS1. You can easily tell which FPS1 unit you have by looking at the serial number label. For example: FPS1/15 on the serial number label = 15 minute run time, FPS1/ERT+V = Extended Run Time.

STEP 4: Make a tag that says "YELLOW". Attach tag to black wire in FEMALE ignition plug that is spliced into PINK wire and goes to DTLS's brain box. Note: 15 minute run time units do not have this wire present.

STEP 5: Red wire from harness that goes to DTLS's brain box does not need tagging.

STEP 6: Make sure tags are secure and then cut tagged wires free from FPS1 harness. Also cut red wire to DTLS's brain box free from harness.

STEP 7: Using FPS2 installation instructions obtained above, proceed with normal installation of DTLS into your 2005 vehicle. When you get to step 4 of the 2005 installation instructions, simply use wire colors marked on tags as the equivalent wire color of the DTLS FPS2 model as shown in figure 3.

If you need any assistance, please call the phone number listed below.

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