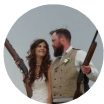




DTNA Solutions > Discussions and Feedback > Tech Talk
> DDEC II Programming/reprogramming

Options



Brett_Bates
Apprentice

04-15-2021 01:52 PM

DDEC II Programming/reprogramming

Vehicle Information

VIN: 1FUYPDZYBXP433808

Mileage: 123456 kilometers

Model Year: 1994

Are you currently seeing this same issue
on other DTNA vehicles at your location?:
no

Make: FTL

Base Model: FLD120

Model: FLD 120 CONVENTIONAL CHASSIS

****DO NOT USE****

Vehicle Systems Involved

ENGINE AND ENGINE

OTHER SYSTEM (Software)

COOLING

We have a customer requesting an hp uprate, his unit is equipped with a DDEC II ecm. Does anyone know if this is still possible? What are the processes to get connected to the module? We do have a J-42766 DDEC 2/3 box, but are unsure if it is supported by the mainframe.

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1 Kudo

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12 Replies

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Talbert_Simonia

King Pin

04-15-2021 06:29 PM

We have done a DDEC V I think not too long ago. We created a ticket and had our IT department involved. The older DDEC units its getting more difficult to do programming on them. [@Anthony_Delia](#) may have some insight on this.

Add tags



0 Kudos

Reply



Steve_Reppard

Piston Head

04-16-2021 03:28 AM

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I've never seen a DDEC II 12.7 GU program that could produce over 500 horsepower. The only thing I've seen are DDEC II programs that have had their digital data tag renamed from a 430 to a 550 horsepower. This is the equivalent to selling a 430hp GU DDEC II and writing 550hp on the case with magic marker.

That being said, there is more to HP uprates than just programming, in some cases internal components need replacing to handle the uprate. IMO if there is still a ddec 2 engine driving down the road then I would leave it be. I am sure there are performance shops that could help with making more power but I think it would be exhausting trying to locate a reputable one for ddec 2.

Add tags



0 Kudos

Reply



 Scott_Trippel
Optimus Prime

04-16-2021 07:10 AM

The mainframe does support it, use the old J-42766, we do one at least once a month.

Add tags



1 Kudo

Reply



 Sean_Groves
Knuckle Buster

04-16-2021 10:49 AM

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using nexiq 2?

Add tags



0 Kudos

Reply



Brett_Hall1
Knuckle Buster

04-16-2021 08:37 AM

if i am remembering this right. horse power rate are apart of the eprom chip inside the ecm. there were different eprom chips available years ago. not sure if they still are. and they are limited in horse power range.

Add tags



0 Kudos

Reply



Brett_Bates
Apprentice

04-16-2021 11:02 AM

The main issue, is the customer wants his speed limits raised. Unfortunately this ecm is password protected. CSC said to program it to remove the passwords, as the customer is unaware of what they are. CSC has also advised me to use a nexiq 1, and the j-42766 translator box. But last I heard the nexiq 1 is not supported for reprogramming now, and using a nexiq 2, with the j-42766 box is not working out.

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The uprate was just a question from the customer, regarding us needing to program the unit.

Add tags



0 Kudos

Reply



 Brett_Hall1
Knuckle Buster

04-16-2021 12:15 PM



found these service letters for ddec 2 reprogramming. 18sp546. 01ts-37. hope these help.

Add tags



DDDL User Guide.pdf
891 KB



1 Kudo

Reply



 Brett_Hall1
Knuckle Buster

04-16-2021 12:18 PM

are you using dl8 or the old ddrs? pretty sure you have to use the old ddrs

 Top

Add tags



0 Kudos

Reply



 Scott_Trippel
Optimus Prime

04-19-2021 09:16 AM

Have to use DDRS, DL8 is for EPA 07 and up engines only

Add tags



0 Kudos

Reply



 Brett_Hall1
Knuckle Buster

04-21-2021 06:53 AM



you might be better off trying to program the ecm on the bench with the use of a usb to serial port adapter. instead of going through the diagnostic connector.

when i worked for Cat we had to use a usb to serial adapter to be able to connect it to Cat com adapter. since it almost impossible to find a laptop now that has a serial port.

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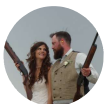


Add tags



1 Kudo

Reply



Brett_Bates
Apprentice

04-20-2021 05:20 AM

We are attempting to use the old DRS, but are unable to connect using a nexiq 2, and the j42766. We have heard that the nexiq 1 is no longer supported for reprogramming.

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0 Kudos

Reply



Robert_Cadell_U
MacGyver

04-20-2021 05:48 AM

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it is the old DDRS system, last version I knew of was 6.50 check the letters that [@Brett_Hall1](#) provided, remember the communication/comm settings are in a separate program, you'll see just the spinning arrows and the icon will say Comm settings that is for the old system.

Add tags



0 Kudos

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