New for 2019 to Present DDEC Engines

If you find the normal settings in the EDRJ100 are not controlling the engine RPM, then follow this procedure (Normal setting is Source Address 3)

You must change the Source address in the EDRJ100 to 7 for it to work properly.

The Remote PTO (2/9) on a DDEC engines needs to be enabled to allow the EDRJ100 to control the engine RPM to work. This can be done either through the J1939 using the EDRJ100 or hardwiring the signal to 2/9 in the CPC. Step 1 & 2 is the procedure on how to set it up to work on the J1939 using the EDRJ100.

Setting up the DDEC Engines for the Remote PTO (2/9) to work on the J1939 with the EDRJ100 (Software Ver 1.03)

Step 1

In VisionPlex and you are connected to the EDRJ100, Set the following parameters

Line 0 - Set the SOURCE ADDRESS to 7

Line 96 – Set DDEC_2_9_PTO to On

Write to the EDRJ100 and Read to make sure the parameter

Step 2

You need DDL Detroit software to do this and change the following parameters

PAR Group 13 Parameter 2 09 DI Section 2 = J1939 PTO

Note: Once the Remote PTO (2/9) is enabled either through the J1939 or through a hardwired signal to 2/9 in the CPC, the following parameters must be set using the DDL Detroit Software.

Parameter Group 1 – PTO TSC1 Source Address SAE J1939 = 7

Parameter Group 7 – Enable PTO control Via TSC1 = Enable

Parameter Group 7 – Maximum Engine Speed allowed for PTO via TSC1 = Default 2,200 RPM

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