

Technical Information about the New Glow-Plug for the HUSS MK-System

Part Number: 60000404

Release 21.10.2020

The following pictures are taken from a brochure that is shipped with each purchased glow-plug. Beside this a tag is placed at each glow-plug, pointing out to make changes in the HUSS control settings. The new glow-plug replaced the former glow-plug completely. Therefore the part number 600004040 remains the same for the new glow-plug.



1. New Glow-Plug for HUSS MK-System

This instruction is valid for the new glow-plug only
 At the side „HUSS“ and „95600062“ is engraved
 The electrical connection has to be adjusted (see section 3.)
 Parameters in the settings need to be changed (see section 5.)

Glow-Plug previous model



Glow-Plug new model



Instruction valid for new model only (beginning October 2020)
 Be in compliance to health and safety regulations at work

Required Tooling:



- HUSS Glow-Plug with flat connector
- Open-end wrench size 12mm (Fuel Connector)
- Glow-plug wrench size 27mm
- End cutting pliers, Crimping Tool, Wire stripper Tool
- Container to collect leaking diesel fuel

2. Changing the Glow-Plug

- Disconnect the fuel connector carefully (absorb leaking diesel fuel)
- Remove the electrical connector (turn off ignition)
- Unscrew old glow-plug, screw in new glow-plug
- No washer necessary between glow-plug and burner
- Realize electrical connection again (turn off ignition)
- Bleed the fuel line (absorb leaking diesel fuel)
- Connect the fuel connector (maximum torque 7nm)

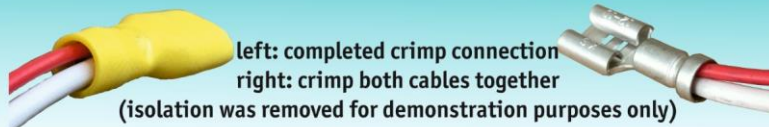


The fuel pump can be turned on and off by the HUSS Control service menu. This simplifies bleeding the fuel line.

3. Realize the Electrical Connection

The existing flat head connector needs to be removed
 A fully isolated connector 9,5mm x 1,2mm (yellow) is supplied
 HUSS Control power-off (turn off ignition)

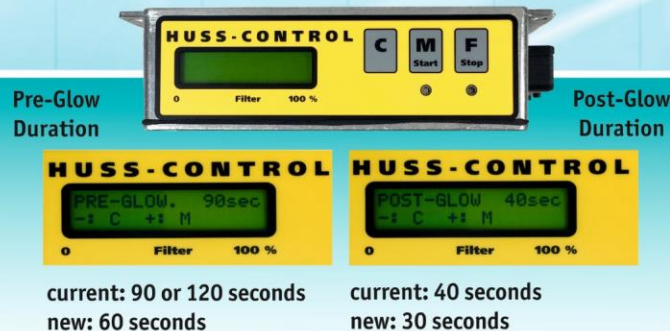
- Cut existing connection close to the connector
- Strip both wires about 9mm (red and white), realize crimp connection
- Check if cables are tight, don't stretch cables too much
- Connect the flat connector to the glow-plug again



left: completed crimp connection
 right: crimp both cables together
 (isolation was removed for demonstration purposes only)

4. How to Navigate in the HUSS Control Service Menu

Turn ignition on, but don't start the engine
 HUSS Control display shows : Engine ready / HUSS Filters
 Press „C“ and „F“ buttons together; Display shows: Service Code
 Type in the combination: „FFCMFFCM“ (type smoothly, no stops)
 The display shows the first parameter of the menu
 Use button „F“ to get to the next menu (press once)
 Menu „serial number“ can be passed only by pressing the „F“ button for 3 seconds
 Use the „F“ button to reach the menu: „pre-glow“ and „post-glow“ in order to set new parameters (see section 5.)
 Continue pressing the „F“ button to finish the menu until display shows again: Engine ready / HUSS Filters



5. Change important Parameters

Access the HUSS Control service menu (see section 4.)
 Use the „F“ button and scroll to menu: pre-glow time period
 Use the „C“ button and reduce the duration to 60 seconds
 This parameter is valid for both horizontal and vertical installations
 Use the „F“ button and scroll to menu: post-glow time period
 Use the „C“ button and reduce the duration to 30 seconds
 The new settings will be saved when the „F“ button is pressed again
 Keep on pressing the „F“ button until the service menu is finished
 and the display shows: Engine ready / HUSS Filters
 Take a second attempt for double checking the new settings



All other settings must remain untouched
 Wrong settings may harm the filter system

6. Start a Test Regeneration

Make a visual inspection to all system components
 Start regeneration by pressing the „M“ button
 Watch out for error messages on the display and take a note
 Regeneration needs to be completed without any interruptions



Attention! Filter system gets hot
 Don't touch hot surfaces
 Let system cool down before starting repair work



We care for air.

How to Contact HUSS:

HUSS tec GmbH
Johann-Sebastian-Bach-Str.19
D-01900 Großröhrsdorf
Tel.: +49 (0) 35952-49790-0
e-Mail: info@hussgroup.com

contact us for more technical information

Hotline: 0800-0 656565*

*only free of charge from the German landline

copyright HUSS tec GmbH 2020

WWW.HUSSGROUP.COM

