

GROUP	NUMBER
General	19-GI-006H
DATE	MODEL(S)
October, 2019	All

Technical Service Bulletin

SUBJECT GDS REPOSITORY UPLOAD PROCEDURES

Description:

This bulletin provides instruction detailing the proper methodology for scanning and uploading captured GDS data files to the Techline Repository. Compliance with this bulletin ensures that the GDS data files are correctly transferred and matched with a Techline Case number.

Applicable Vehicles: All

NOTICE Avoid disconnection or removal of the 12V or High Voltage battery (if applicable) before the DTC data is collected by the GDS tablet.



Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

SUBJECT:

GDS REPOSITORY UPLOAD PROCEDURES

1. Scan for stored DTCs using the GDS tablet All Fault Code Search function.	HOME OffLine IONIQ Hybrid/2017/G 1.6 GDL. VCI 🕿 😓 🔀
	i≃⊡ Fault Code Searching
Save all retrieved DTCs.	Rescan Erase All DTC Go to DTC Save
	VESS IGPM 28/28
	System Status Result
	ENGINE No Current DTC Good
	MCU No Current DTC Good
	HCULDC No Current DTC Good
2. The retrieved data will appear on the	
GDS Data Analysis screen Capture the	
data using one of the two methods	
Delow:	
<u>GDS WITH SD CARD</u>	GDS WITHOUT SD CARD
Select the GDS Data Capture button located	Use screenshot/photo to capture all data on the
at the top right of the Data Analysis screen:	Data Analysis screen:
	HOME Offline IONIQ Hybrid./2017/G 1.6 GDL. VCI 🚓 🚺 🔛
HOME OffLine	Battery Management System
Battery Management System	
Data Analysis 한 🏢	< Stop Graph Selective Display Actuation Test >
Recorded Data Data Capture >	Sensor Name(142) Value Unit Link Up
	State of Charge of Battery(BMS) 55.5 %
Sensor Name(142) Value Unit Clink Op	BMS Main Relay ON Status NO -
State of Charge of Battery(BMS) 55.5 %	BMS Controllable State NO -
BMS Main Relay ON Status NO -	BMS Fault NO -
BMS Controllable State NO -	BMS Weld Flag NO -
BMS Warning NO -	BMS Service Lamp NO -
Select the Save button to create a PDF of the captured data.	Scroll down and capture all remaining data.
Data Capture Save 🧼	HOME OffLine IONIQ Hybrid./2017/G 1.6 GDL. VCI 🚓 Ionig Battery Management System VCI 🚓 Ionig Io
	🔎 🖉 Data Analysis 🖸 🏢
The saved file can be checked by Recorded Data' menu.	Recorded Data Data Capture
Be careful when you remove GDS application because the data on SD card is removed as well.	Sensor Name(142) Value Unit Link Up
	Fan Status 0 step
* Save Condition	Fan Feedback Frequency 0 Hz
Engine OFF(IG ON)	Auxiliary Battery Voltage 13.2 V
Engine Idle(Cold) Engine Idle(Warm)	Accumulative Charge Current 1577.4 Ah 📃
Engine Load(Cold) Engine Load(Warm)	Accumulative Discharge Current 1575.5 Ah 🧧
* File Name	Accumulative Charge Power 364.5 kWh
IONIQ Hybrid(AE HEV)_BMS_Engine OFF(IG ON)_190408-094614	Accumulative Discharge Power 349.1 kWh
Comments (87300)	Accumulative Operating Time 538699 Sec
BMS deta	MCU Keady YES -
	MCU Controllable NO -
Sava	MCU(GCU) Ready YES -
Jare	MCU(GCU) Main Relay Off Request NO -

	GDS REPOSITORY U	PLOAD PROCEDURES
3.	Contact Techline at 1-800-325-6604 to open a Techline case. Document the assigned Techline case Number for later reference.	
4.	 select the internet application on the GDS tablet. a. Login to the Hyundai Dealer website. <u>www.hyundaidealer.com</u> b. Access the Hyundai Tech Info website. <u>www.hyundaitechinfo.com</u> c. Select the Technical Training menu. d. Select the Techline option. 	Service Information Technical Training Diagnostic Tools Tools & Equipment My Page Technical Training Diagnostic Tools Tools & Equipment My Page Technical Training Diagnostic Tools Tools & Equipment My Page Technical Training Diagnostic Tools Tools & Equipment My Page Technical Training Diagnostic Tools Tools & Equipment My Page Technical Training Diagnostic Tools Tools & Equipment My Page Technical Training Diagnostic Tools Tools & Equipment My Page Technical Training Diagnostic Tools Technical Training Tools & Equipment My Page Technical Training Technical Training Technical Training Tools & Equipment My Page Can facilitate the transfer of flight recorder data or other electronic files to designated Techline personnel. Image: Can facilitate the transfer of flight recorder data or other electronic files to designated Techline personnel. Image: Can facilitate the transfer of flight recorder data or other electronic files to designated Techline personnel. Image: Can facilitate the transfer of flight recorder data or other electronic files to designated Techline personnel. Image: Can facilitate the transfer of flight recorder data or other electronic files to designated Techline pers
5.	Upload all captured data to the Techline Repository	
	General instructions on how to upload data files Techline Repository can also be found in Techline Procedures menu: Technical Training tab.	Techline The Techline portal is a means to enhance communication between the technician and the Techline Support representation If you have any questions regarding use of this site, contact your Techline representative. Please complete this form to expedite your support request.
	If an error occurs during the uploading process, the data files can be emailed to: <u>hmatechlinefax@hmausa.com</u>	Technician Phone Dealer Code Case Number Be sure to contact Techline bel If you need to send an electronic file to Techline support, please "Browse" to the file on your local computer.
	Include Dealer Number, VIN, and Techline Case Number in the subject line of each Techline Repository upload or email submission.	NOTE: Use numbers and letters ONLY in filenames. Do NOT use characters such as * @ # or %, or spaces. File Load Browse NOTE: Signal Waveform data files are located at C:\Edge\Simutech\wfv*.swv Snapshot data files are located at C:\Edge\Simutech\snp*.ssm Sweeptest data files are located at C:\Edge\Simutech\snp*.ssw