updated 1-21-2015

National Vehicle and Fuel Emissions Laboratory
2565 Plymouth Road, Ann Arbor, Michigan 48105

EPA Parameters Form 1000-01 for In-Use Testing

EPA Vehicle Control Number: 4JGDF2EE2FA563131

Equivalent Test Weight: 6000 Pounds (Integer Only: Equivalent Test Weight)

Nominal Fuel Tank Capacity: 26.4 Gallons **40% Fill** 10.6 Gallons

Drive Axle: 10
7 Rear Drive Off Road

US06 CO Full Useful Life Standard 19.3

Mfr. Shift Schedule (if required) N/A FTP N/A HWY N/A US06

Vehicle Target Road-Load Coefficients

A 67.96 Lb-force
B 0.7533 Lb-force/mph
C 0.02285 Lb-force/mph^2

Canister Working Capacity:

Grams
Number of Canisters (Integer Only: Number of Canisters)
Total Canister Volume (cm3)

N/A for diesel

(Integer Only: Canister Working Capacity)

Dyno setup	rotat. mass	55 – 45 mph
4 WD Dyno	3%	17.31 sec
2 WD Dyno	1.50%	17.06 sec

PLEASE ADD COLD CO PARAMETERS ON THE SECOND TAB OF THIS WORKSHEET

Vehicle Starting Instructions, including Traction Control disabling (with location and description of traction control icon) and process for putting the vehicle in neutral (for towing/crabbing).

See Starting Procedure tab

To avoid unnecessary delays, please provide specific instructions and pictures (if necessary) for the following items:

Canister Loading Process: N/A for diesel

Fuel Draining Process: Need Special Software but Mercedes Tech Center in Ann Arbor will support if needed.

ABS Disabling Process: See Dyno Mode Instruction Tab

Fuel Switch Process (Flex Fuel only): N/A for diesel

Comments fan position (up/down) and See procedure on Fan Position tab

For internal EPA Use Only:

This information was obtained from:

☐ Letter, e-mail, fax or other document delivered from the manufacturer
(attach any additional information from the manufacturer to this form)
☐ Verbal instruction from the manufacturer's representative
☐ Other (specify)

Config. No

Manufacturer Representative: _____ *Date:* _____

Jacobs Representative: _____ *Date:* _____

EPA Representative: _____ *Date:* _____

National Vehicle and Fuel Em
2565 Plymouth Road, Ann Arbor, M

EPA Parameters Form 1000-01

EPA Vehicle Control Number: 4JGDF2EE2FA563131

Cold CO Target Road-Load Coefficients

A	75.51	Lb-force
B	0.8370	Lb-force/mph
C	0.02539	Lb-force/mph^2

Cold CO Test

Special Instructions for Heater and Defroster Control:

issions Laboratory
Michigan 48105

for In-Use Testing

Dyno setup	rotat. mass	55 – 45 mph
4 WD Dyno	3%	15.57 sec
2 WD Dyno	1.50%	15.35 sec

For EPA use only:

Test procedures:

All in the class:

		PM?		
FTP	21		Fuel Type	19
HWY	3			
US06	90			
Other			Procedure: _____	

21 Fed fuel FTP-3 bag
21.04 Fed fuel FTP-4 bag
25 CA fuel FTP
25.04 CA fuel FTP-4 bag
99 Other

ORVR Testing Waiver per CFR § 86.1810-01 (k) + (m)
At least one per class (if possible)

Evap	X		
Cold Test	11	Cold Test Fuel Type	19

23 fed fuel evap-3 bag
23.04 fed fuel evap-4 bag
27 CA fuel evap
27 CA fuel evap

FUELS:
19 Cert Diesel 7-15 ppm Sulfur
23 CARB Phase II Gasoline
26 Cold CO Regular (Tier2)
61 Tier 2 Federal Fuel

Regeneration instructions (if necessary):

See procedure on Regeneration tab

Special refueling instructions (if necessary):

Special prep instructions (if necessary):

To avoid cyclic regeneration during an exhaust emission test, the vehicle must receive a precondition cycle before testing, refer to subsection a. The precondition cycle can be performed with the Mercedes DAS service tool (Star Diagnostics) as described below (example). This procedure generally applies to all certification and In Use exhaust emission testing ----- **Update to regen. Procedure to be supplied by Hr. Digeser, Steffen (steffen.digeser@daimler.com/ +49 160 8673846)**

Other instructions (if necessary):

Automatic transmission

▶ Shift the transmission to position **P** (▷ page 176).
The transmission position display in the multifunction display shows **P** (▷ page 176).

ℹ You can start the engine in transmission position **P** and **N**.

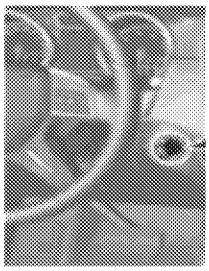
Starting procedure with the SmartKey

- **To start a diesel engine:** turn the SmartKey to position **2** in the ignition lock (▷ page 167).
  The [ ] preglow indicator lamp in the instrument cluster lights up.
- When the [ ] preglow indicator lamp goes out, turn the SmartKey to position **3** (▷ page 167) and release it as soon as the engine is running.

ⓘ You can start the engine without preglow if the engine is warm.

Key positions

SmartKey



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1 Power supply f
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2 Ignition (power
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3 To start the en

ⓘ The SmartKey
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Key for the vehi
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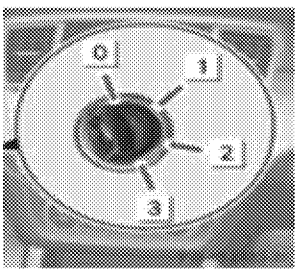

: SmartKey
for some consumers, such
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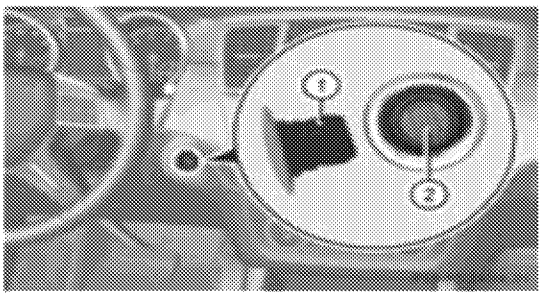
can be turned in the igni-
it is not the correct Smart-
cle. The ignition is not
e engine cannot be started.

Using KEYLESS-GO to start the engine

- Depress the brake pedal and keep it depressed.
- **To start a gasoline engine:** press the Start/Stop button (▷ page 167) once. The engine starts.
- **To start a diesel engine:** press the Start/Stop button once (▷ page 167). Preglow is activated and the engine starts.

ⓘ The Start/Stop button can be used to start the vehicle without inserting the SmartKey into the ignition lock. The Start/Stop button must be inserted in the ignition lock and the SmartKey must be in the vehicle. This mode for starting the engine operates independently of the ECO start/stop automatic engine start function.

Key positions with KEYLESS-GO



① Start/Stop button
② Ignition lock

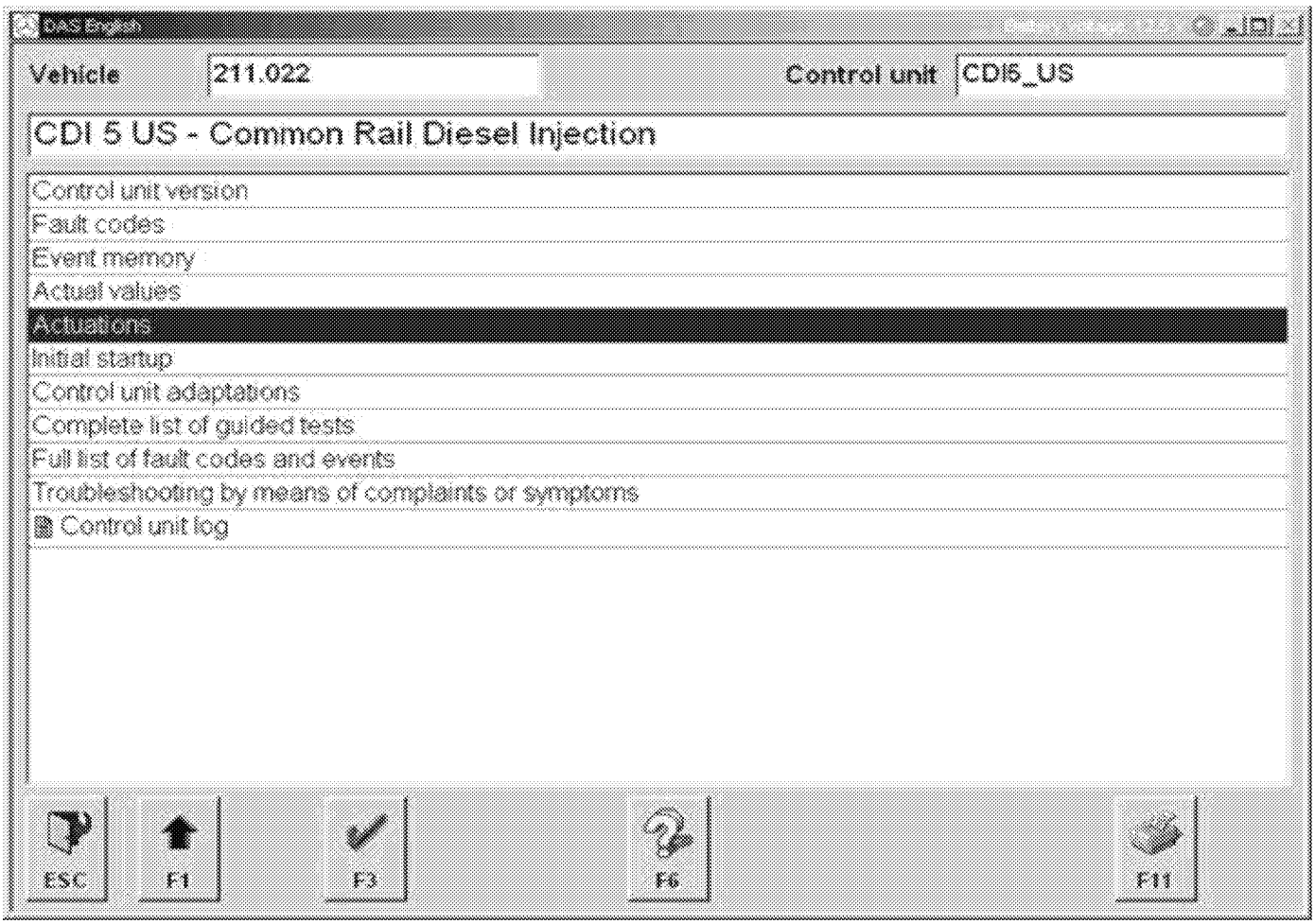
	GL 350 BLUETE
	USA - FTP75 (Hartzell)
Distance between floor and bottom of fan outlet	33cm/ (13“)
Distance between fan and front of vehicle	As close as possible

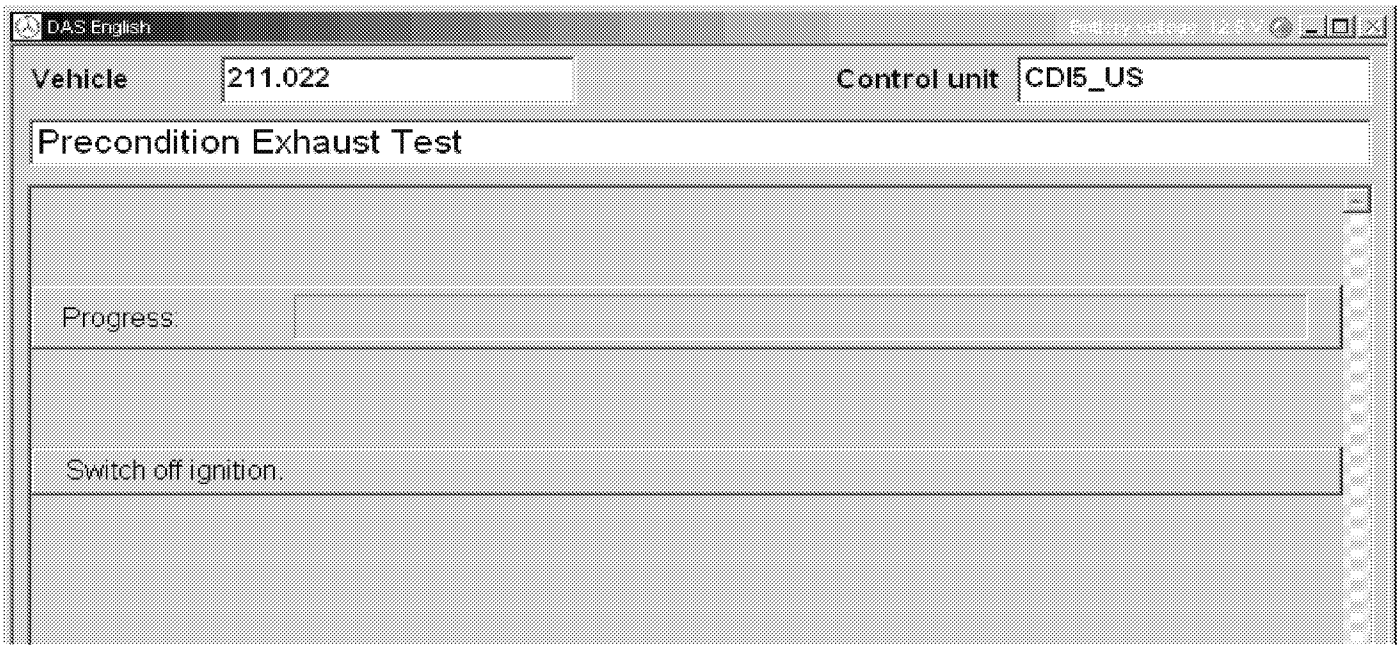
C 4MATIC
USA - US06 (Hartzell)
25cm/ (10“)
As close as possible

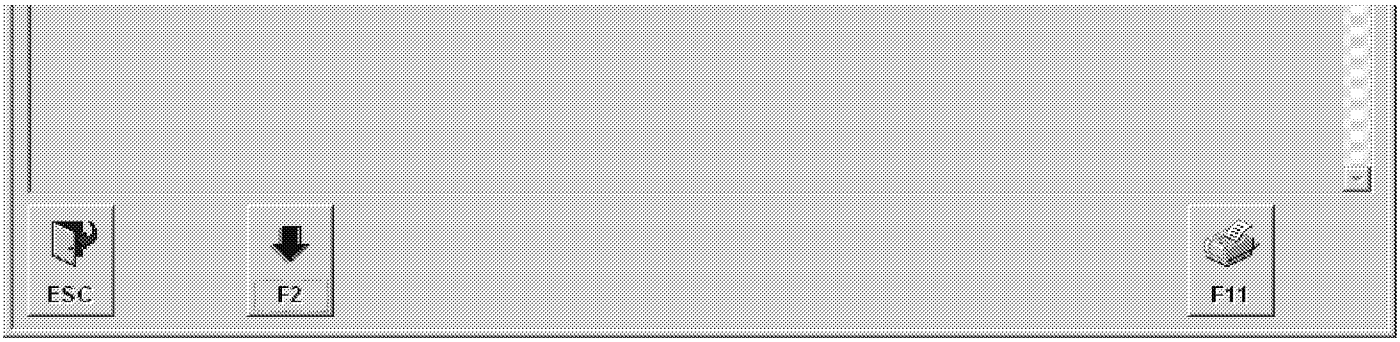
1

4

Update to regen. Procedure to be supplied by Hr. Digeser, Steffen (stef






ESC
F2
F11

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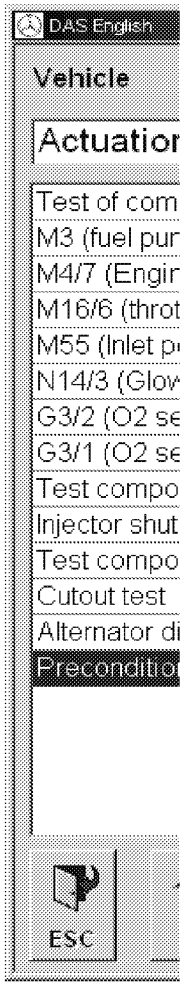
2



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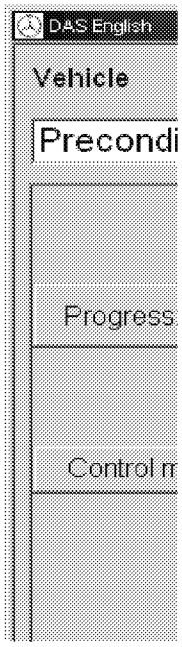

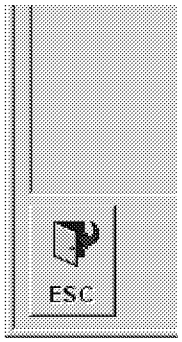
ESC

211.022 Control unit CDI5_US

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v time output stage)
ensor upstream TWC)
ensor downstream TWC)
nent Y27 (Exhaust gas recirculation positioner) by actuation.
off
nent Y77/1 (Boost pressure regulator) by actuation.

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n Exhaust Test

F1 F3 F6 F11

DAS English
Vehicle
Precondi
Test prere
- Ignition ON
Move on to
ESC

211.022 Control unit CDI5_US

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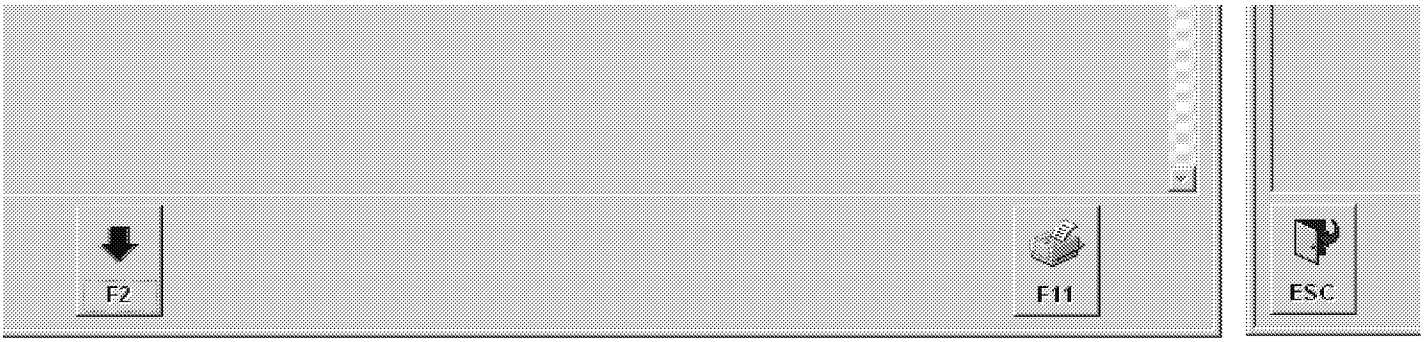
DAS English
Vehicle
Precondi
Progress:
Switch on


F2
F11
ESC

211.022 Control unit CDI5_US

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√

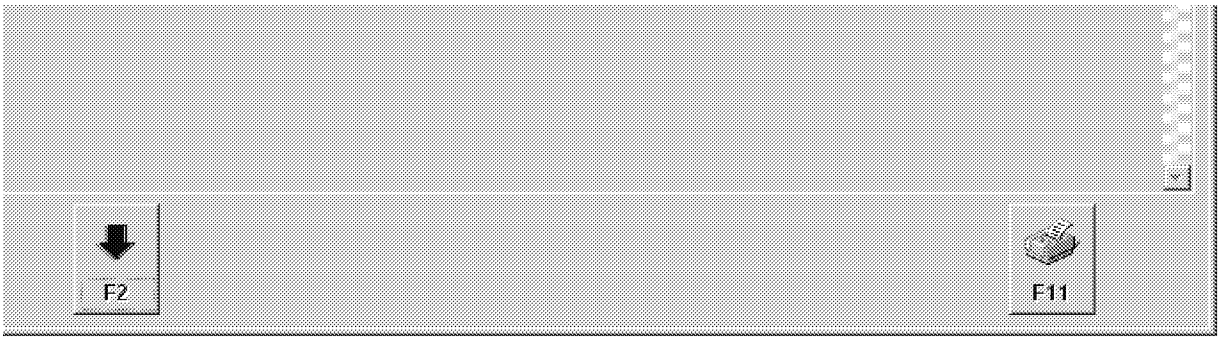
› actuation with button F2

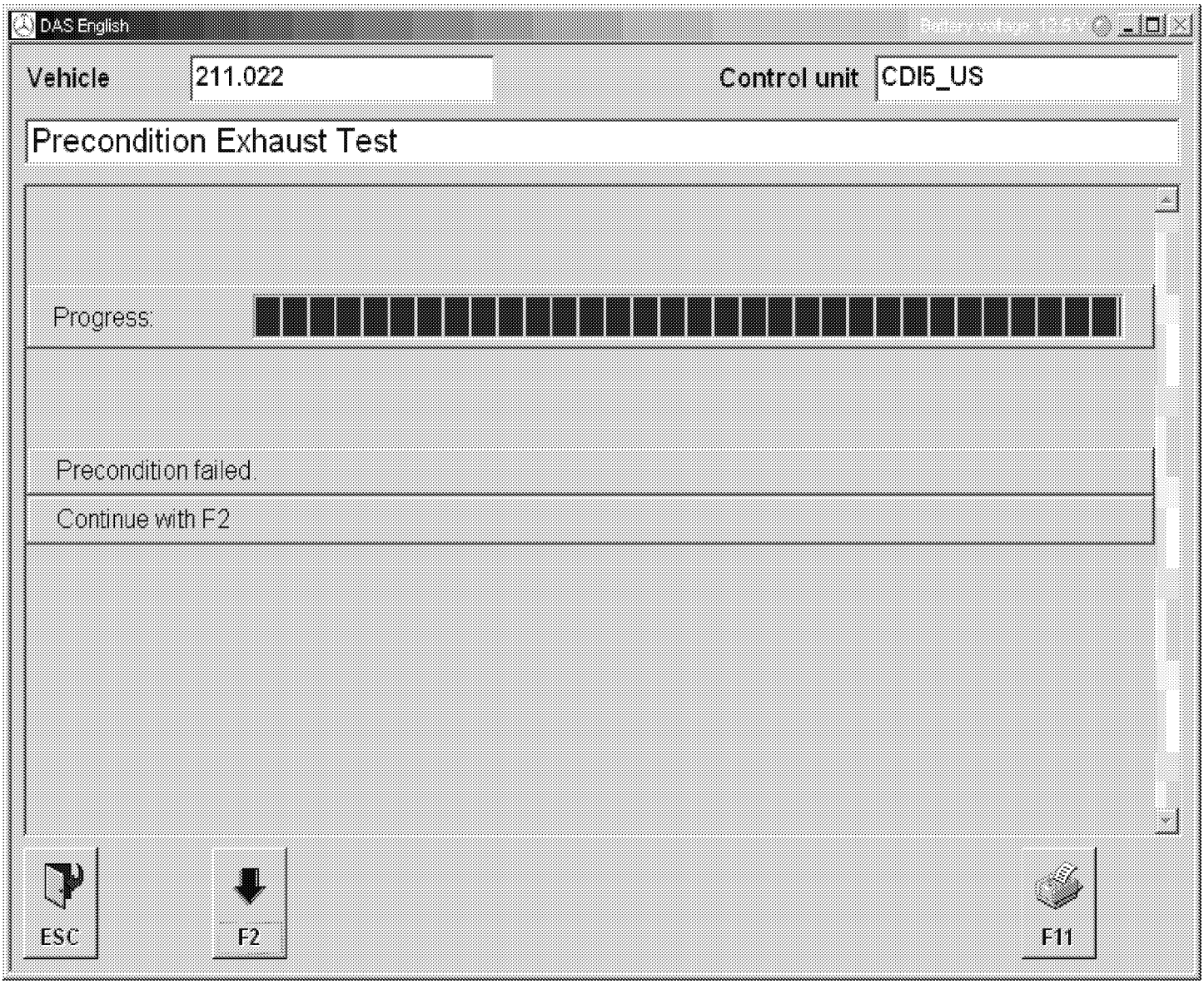
F1 F2 F6 F11

211.022 Control unit CDI5_US

ition Exhaust Test

ignition.


F2
F11


DAS English
Vehicle
211.022
Control unit
CDI5_US
Precondition Exhaust Test
Progress:
Precondition failed.
Continue with F2
ESC
F2
F11

W166 Dynamometer Mode setting

- Ignition in pos. 1
- Mileage must be displayed on LCD.
- Press Telephone button on steering wheel and then press OK button steering w
- Scroll Up/Down with arrow to menu including Dyno Mode
- Highlight Dyno Mode and confirm with OK button