

EcoStar III Order Spec Sheet (Product Configuration Form)



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AUTOMOTIVE TECHNOLOGIES

Submission Options:

- Recommended: Download the EcoStar III mobile app from Google Play, complete the app configurations and email to: sales@lgs-group.com.
- Complete this form to specify custom configurations for your ECO3. Select optional features to be programmed on your ECO3 (if applicable). Submit this form with your order to: sales@lgs-group.com.

PURCHASER INFORMATION

Date _____
 Company Name _____
 Contact Name _____
 Phone Number _____
 Email Address _____
 Vehicle Model/Year/Engine* _____

INTERNAL ONLY

Config. Name	
Date Created	
Part Number	

*Ford Transit vehicles with PATS (Passive Anti-Theft Systems) will need to install a security bypass for key-out operation. See instructions for details.

BATTERY SETTINGS

	PRIMARY (12V)	AUXILIARY (12-48V)
VBat Restart Voltage / Delay	____ / ____ Max 14.5V / 1800 Sec (Default 12V / 5 Sec)	____ / ____ Max 62V / 1800 Sec (Default 0.0V / 5 Sec)
Recharge Voltage / Timer	____ / ____ Max 14.5V / 1800 Sec (Default 13.5V / 900 Sec)	____ / ____ Max 62V / 1800 Sec (Default 0.0V / 900 Sec)

ENGINE IDLE TIMER

Shutoff Timer KEY IN: Enabled (Default) Disabled KEY OUT: Enabled (Default) Disabled
 Shutoff Duration _____ Max 1800 Sec (Default 15 Sec) _____ Max 1800 Sec (Default 2 Sec)

SERVICE BRAKE

Select one: (All options except E reset the timer)

- | | |
|---|---|
| <input type="checkbox"/> A: Pedal will inhibit the engine off request | <input type="checkbox"/> D: Only reset idle timer |
| <input type="checkbox"/> B: Pedal will auto-restart the engine | <input type="checkbox"/> E: No function |
| <input type="checkbox"/> C: Pedal will do both A and B (Default) | |

TEMPERATURE

Ambient Air Operating Temperature (AAT)

Minimum _____ -200°F to 65°F (Default -200°F) Maximum _____ 80°F to 200°F (Default 200°F)

Engine Coolant Temperature (ECT) for Auto-shutoff

Gas Minimum _____ -200°F to 300°F (Default -200°F)
 Diesel Minimum _____ -200°F to 300°F (Default -200°F)
 Maximum _____ 200°F to 300°F (Default 250°F)

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INPUTS

Off Request Input

Temperature Preconditions: Enabled Disabled (Default)

Ignore temperature preconditions: Requires ambient and engine coolant temperature preconditions to be met before processing the off request.

On Request Input:

Latching
 Activate Max A/C

OUTPUTS

OUTPUT 1 Mode: Run/Start Lock: (Default) Delay _____ 0-1800 Sec (Default 10 Sec)
(Select one) Engine On Key Out
 Alarm Equipment Enable

OUTPUT 2 Mode: Run/Start Lock: Delay _____ 0-1800 Sec (Default 10 Sec)
(Select one) Engine On (Default) Key Out
 Alarm Equipment Enable

SECURITY

Key Out Enable Delay _____ 0-1800 Sec (Default 3 Sec)

Secure Mode:

Enabled (Default) Disabled

Activation Period _____ 1-1800 Sec (Default 5 Sec)

Sleep Disable Delay _____ 0-60 Min (Default 30 Min)

Theft Alarm:

Occurs during secure mode or key out operation if the shift lock mechanism is defeated and the transmission is shifted out of Park.

Flash Lights Enabled (Default) Disabled

Sound Horn Enabled (Default) Disabled

Activate Output Enabled (Default) Disabled

Alarm Duration _____ 1-1800 Sec (Default 20 Sec)

Cabin Temperature Alarm:

Occurs if the temperature in the cabin does not increase for low temp restart or decrease for high temp restart within 6 minutes. This alarm is also triggered if ECO3 fails to start the engine.

Flash Lights Enabled (Default) Disabled

Sound Horn Enabled (Default) Disabled

Activate Output Enabled (Default) Disabled

Alarm Duration _____ 1-1800 Sec (Default 20 Sec)

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SIMULATED IGNITION POWER MODES

Wait Restart: (Select one) Off Accessory (Default) Run

Ignition Off: (Select one) Off (Default) Accessory

Key Out Key Off: (Select one) Enabled* Disabled (Default)

**This option indicates EcoStar III is capable of simulating key off with the key out of the ignition and may require a key fob kit.*

HIGH IDLE (ADVANCED FAST IDLE SYSTEM)

Enabled (Default) Disabled

Default Engine Speed: (In increments of 50 RPM)

Require Park Brake

RPM Gas _____ 900-2200 RPM (Default 1500)

RPM Diesel _____ 900-2200 RPM (Default 1200)

Triggers: (Select one or more)

Primary Battery (Default)

Auxiliary Battery

Park Brake

Air Conditioning

Heater Boost

External Request (Default)

Heater Boost: (In increments of 50 RPM / 5°F)

RPM Gas _____ 900-2200 RPM (Default 1500)

RPM Diesel _____ 900-2200 RPM (Default 1200)

ECT _____ 32°F to 300°F (Default 170°F)

AAT _____ 32°F to 95°F (Default 70°F)

OPTIONAL FEATURES

NOTE: These features may require aftermarket components. Call for details.

Thermistor (-T Option)

- Temperature activated engine auto-restart
- Keeps vehicle interior temperature comfortable for personnel or temperature-sensitive equipment

Low Temperature Restart _____ -30°F to 105°F (Default 55°F)

Low Temperature Shutoff _____ -30°F to 105°F (Default 70°F)

Vehicle will restart at the low temperature and run until the warmup temp. has been reached before allowing the vehicle to shutdown.

High Temperature Restart _____ -25°F to 110°F (Default 95°F)

High Temperature Shutoff _____ -25°F to 110°F (Default 80°F)

Vehicle will restart at the high temperature and run until the cool down temp. has been reached before allowing the vehicle to shutdown.

Hood Switch (-B Option)

- System allows auto restart and stop only when hood is closed
- System requires hood status either from the vehicle network (CAN) or a discrete input

Select one: CAN Input

Discrete Input (Default)

If hood switch signal is available on the vehicle network, it is not necessary to purchase a hood switch. CAN signal not available on all vehicles.

Installation of a hood switch is required if the hood switch signal is not available on the vehicle network.