

Aftermarket Interface Module - AIM506

Order Spec Sheet (Product Configuration Form)



Config Options:

- Recommended: Download the AIM Graphical User Interface (GUI) from the [InterMotive website](#), complete the configurations, save and email with your order to: sales@lgs-group.com.
- Or complete this form to specify custom configurations for your AIM. Save and email with your order to: sales@lgs-group.com.

PURCHASER INFORMATION

Date _____

Company Name _____

Contact Name _____

Phone Number _____

Email Address _____

Vehicle Make _____ **Vehicle Model** _____

Vehicle Year _____ Vehicle Engine _____

NOTES _____

INTERNAL ONLY

Config. Name	
Date Created	
Part Number	

Orders will not be processed without the install vehicle's make, model and year. This information is needed for accurate configuration.

HIGH IDLE SETTINGS*

High Idle RPM: *(In increments of 50 RPM)*

RPM Gas _____ 900-2200 RPM (Default 1500)

RPM Diesel _____ 900-1400 RPM (Default 1200)

**For AIM506-G/G3 kits: RPMs are not configurable and will use default RPMs. Park brake precondition is enabled.*

High idle vehicle requirements: TR = Park, SB = Off; RPM at idle

SELECT TRIGGER OPTION:

OPTION A External Input Trigger: Enabled (Default) Disabled *High idle engages when ground signal is applied.*

Park Brake Precondition: Enabled Disabled (Default) *Must apply Park brake to high idle with input.*

OPTION B Park Brake Trigger: Enabled Disabled (Default) *High idle engages when Park brake is applied.*

BATTERY SETTINGS

Charge Protect Feature: Enabled (Default) Disabled

Low Battery Voltage _____ Max 16V (Default 12.5V)

Recovery Voltage _____ Max 16V (Default 13.5V)

Recharge Timer _____ Max 1800 Secs (Default 300 Secs)

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PROGRAMMABLE DATA OUTPUTS

Choose output settings:

PIN#	CUSTOM OUTPUT LOGIC		DEFAULTS
1* J6-Pin2	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power _____	Engine = Crank, 8 Amps
2 J5-Pin2	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power _____	Transmission Range = Park; 0.5 Amps
3 J5-Pin3	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power _____	Park Brake = On; 0.5 Amps
4 J5-Pin4	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power _____	Transm. Range = Reverse; 0.5 Amps
5 J5-Pin8	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power _____	Ignition = On; 0.5 Amps
6† J5-Pin9	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power _____	Engine Running = True; 0.5 Amps
7 J5-Pin10	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power _____	Right Turn Signal = On; 0.5 Amps
8‡ J5-Pin11	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power _____	Left Turn Signal = On; 0.5 Amps

* Requires connecting J6-Pin4 to either 12V or Ground.

† VSS = 2.2Hz/MPH can only be programmed on output #6 as a Ground output (no power option).

‡ CTO can only be programmed on output #8 as a Ground output (no power option).

OPERATION MODE

Choose ignition status for each output:

OUTPUT 1	<input type="checkbox"/> Key ON (Default)	<input type="checkbox"/> Key OFF	OUTPUT 5	<input type="checkbox"/> Key ON (Default)	<input type="checkbox"/> Key OFF
OUTPUT 2	<input type="checkbox"/> Key ON (Default)	<input type="checkbox"/> Key OFF	OUTPUT 6	<input type="checkbox"/> Key ON (Default)	<input type="checkbox"/> Key OFF
OUTPUT 3	<input type="checkbox"/> Key ON (Default)	<input type="checkbox"/> Key OFF	OUTPUT 7	<input type="checkbox"/> Key ON (Default)	<input type="checkbox"/> Key OFF
OUTPUT 4	<input type="checkbox"/> Key ON (Default)	<input type="checkbox"/> Key OFF	OUTPUT 8	<input type="checkbox"/> Key ON (Default)	<input type="checkbox"/> Key OFF

Key OFF means while the vehicle CAN is active (including if the ignition is ON).

Key ON means only when the ignition is in RUN.

DOOR LOCK FUNCTION*

Lock/Unlock Driver's Door (Default) Lock/unlock All Doors

*Function not available for the 2023 Ford Super Duty.