

# AIM506: Upfitter Interface Module® + 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: orders@lgs-group.com.
- Or complete this form to specify custom configurations for your AIM. Save and email with your order to: orders@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:

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