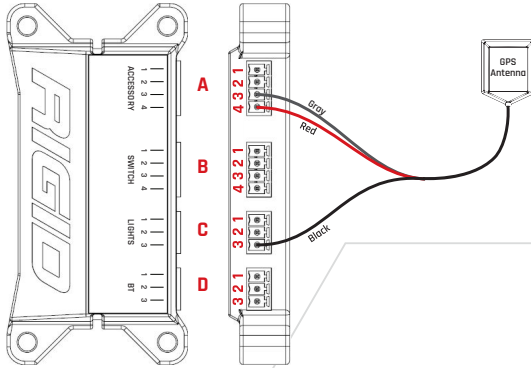


# ADAPT™

## GPS MODULE KIT



This GPS module is required for the Adaptive Mode feature in the RIGID Adapt light bar. Once this unit is installed, the RIGID Adapt will use the GPS signal to automatically change modes based on vehicle speed.

### MOUNTING

1. Find the desired location to mount the GPS interface module that is protected against heat and water submersion.
2. The mounting orientation is not critical to the function of the unit so it can be easily mounted on a vertical or horizontal surface using mounting screws, zip ties, or tape.

### CABLE ROUTING

1. The GPS antenna has a magnetic base, so it will securely hold in place on any metal surface.
2. The GPS antenna needs to have line of site to the Satellite's in the sky. It is recommended to be placed on the roof of the vehicle.
3. When routing wire cable through any metal surface, be sure it is free of any sharp edges and protected using wire sheathing or a grommet.

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**RIGID**

## WIRING

1. Connect the GPS antenna to the interface module by screwing the SMA connector on the antenna cable to the mating connector on the module. Be careful not to over torque this connection if using a wrench.
2. The red wire from the GPS module will share pin 4 on connector A on the Adapt under dash module. This wire will provide ignition power to the GPS unit.
3. The Black Wire from the GPS module will share pin 3 connector C on the Adapt under dash module. This will provide chassis ground to the GPS unit.
4. The violet wire from the GPS module will go directly into pin 3 connector A on the Adapt under dash module. This will provide the GPS signal to the Adapt unit.

## OPERATION

1. Once the GPS unit is mounted and all wiring is connected properly, you are ready to test the unit.
2. Turn vehicle on. This will provide power to the GPS and Adapt system.
3. It can take up to 2 minutes for the GPS to find a satellite before the unit will provide a signal to the Adapt under dash module.
4. Activate the Adaptive mode by pressing the Adapt Icon on the Adapt dash controller. Adaptive mode will default to Mode 1.
5. The Adapt mode is user adjustable so you can calibrate the top intended speed. To calibrate the Adapt Mode, safely drive at the top speed where spot mode will be desirable. Once cruising at this speed, press and hold the Adapt Mode button on the Adapt dash switch until the light under the Adapt Mode button flashes red. This indicates that the top speed was saved.
6. The Adapt system will now operate in mode 8 based on the top speed selected and automatically step down incrementally from mode 8 to mode 1 as your vehicle speed is reduced. Simply turn off the Adapt mode by pressing the Adapt icon on the Adapt dash controller.

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