



STEALTH™

The MOST Versatile and Easiest To Use Towed Vehicle Braking System available!™



OPERATION MANUAL

NEED HELP? CALL - 1-800-470-2287

WARNING

Read all instructions before installing or operating the Stealth. Failure to understand how to install or operate Stealth could result in property damage, personal injury or even death.

GETTING READY TO TOW

1. All-In-One Connector

- Remove the dust cover from the All-In-One Connector. (A) (It is located in the front of the vehicle)
- Reattach the dust cover to the side of the mounting bracket (B) to prevent damage.

IMPORTANT

When not towing, the dust cover must be inserted into All-In-One Connector.

2. NITE GLOW™ FLEX-COIL ADAPTER

- Thread the Break-Away cable (C) through a steel eyelet located on the underside of the motorhome then slide the 7-Blade through the loop on the cable. Cable is used to prevent accidental damage to the adapter from dragging on ground.
- Plug the 7-Blade end (D) into the motorhome.
- Plug the 7-Flat end (E) into the All-In-One Connector.

NOTE

Be sure to wrap Flex-Coil Adapter around tow bar to prevent it from hitting the ground

NOTE

If taillights are activated, the Nite Glow™ 7 Blade end will glow to confirm electrical continuity.

3. CHECK MAIN UNIT

- Check the main unit to ensure the light is "GREEN" (F). If not, please call (800)-470-2287 and our technical service team will assist you.

WARNING

Be sure adapter length is adequate between motorhome and dinghy. Length must account for turning.

4. DUAL CONTROLLER REMOTE

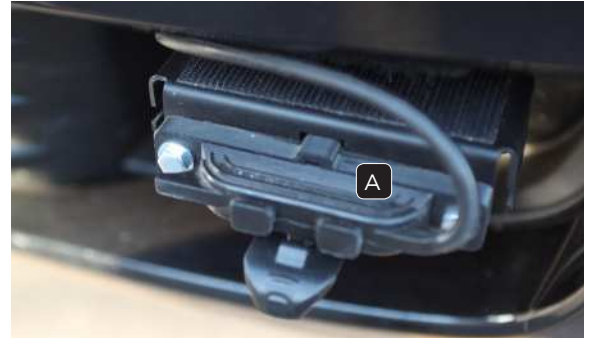
- Make sure the controller is in dinghy mode. Have someone watch the dinghy brake pedal while another person presses the test button on the dual controller. When the test button is activated the brake pedal should compress. The controller will read "bb" during the braking event.

5. TEST BREAK-AWAY ACTIVATION

- Pull the 7-Flat end (E) from the Break-Away Harness (A)
- The dual controller will read "bA" and send out an audible alert indicating a break-away event has occurred
- The dinghy brake pedal should compress and stay compressed until the 7-Flat end is reinserted
- Reinsert the 7-Flat into the Break-Away Harness
- The controller should now show no alerts, shut off the audible alert, and release the dinghy brake pedal

6. CHECK DINGHY WIRING (OPTIONAL)

- Check the functions of the dinghy by activating the brake lights, taillights, and turn signals.



STEALTH IN DINGHY MODE - PULLING A DINGHY



MAIN UNIT WARNINGS



NORMAL



BLINKING

BREAK-AWAY OCCURRED



BLINKING

LOW DINGHY BATTERY

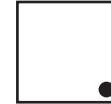
CONTROLLER FUNCTIONS & MONITOR READ OUTS



- A** Mode
- B** Sensitivity adjustment buttons (1-7)
- C** Digital readout display (10-99 Increments of 5)
- D** Test button
- E** Mode button
- F** Mounting bracket holes
- G** Digital power setting buttons



Braking is occurring



Connection to Dinghy



Short Circuit



Check Unit



Break-Away Activated



No Connection/
Loss of Power

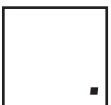
STEALTH IN TRAILER MODE - PULLING A TRAILER



MONITOR READOUTS & CONTROLLER FUNCTIONS



Short Circuit



Trailer Connected



No Connection/
Loss of Power



Power Adjustment 5-99



Sensitivity Level 1-7

- A** Mode
- B** Sensitivity adjustment buttons (1-7)
- C** Digital power setting buttons
- D** Digital readout display
- E** Vertical slide for override
- F** Mode button
- G** Mounting bracket holes



TESTING/ADJUSTING THE BRAKING RESPONSE:

Connect to your trailer and test drive on a dry open area at low speed (20 to 25 mph). Apply vehicle brakes aggressively.

1. If trailer brakes lock-up, adjust the power setting down to just below brake lock-up by pressing the (-) power button.
 2. If the braking performance from the trailer feels as if it is pushing the tow vehicle, adjust the power setting higher by pressing the (+) power button.
- Repeat process until smooth braking is obtained.

FAQ - FREQUENTLY ASKED QUESTIONS

Do all vehicles need a vacuum pump?

Please consult owner's manual to see if vacuum brake assist runs while being towed. This information should be under towing requirements. If you have any questions please call 800-470-2287.

How can the Stealth be disabled, in case of an emergency?

All you have to do is remove the fuse from the fuse holder by the battery under the hood of your towed vehicle.

What to do if you receive an intermittent "BA" signal?

Ensure the 7-way connector on the front of the towed vehicle is securely plugged in and the other end going into the back of the motorhome is lit up red.

Brakes are applied when intentionally disconnecting the towed vehicle from the coach.

When the towed vehicle's connector is intentionally disconnected from the coach, the towed vehicle's circuit will apply the towed vehicle's brakes in the same way as it would in an accidental breakaway. Leaving the towed vehicle's brakes applied when disconnected from the coach will wear the towed vehicle brakes when driven. Therefore, a means has been provided to release the towed vehicle's brakes under this condition.

How do I release the brake on the towed vehicle?

To release the towed vehicle's brakes when the towed vehicle has been disconnected from the coach, place the dust cap on the towed vehicle's connector. The towed vehicle's circuit will detect the dust cap and immediately release the towed vehicle's brakes.

How do I test the stealth when disconnected from the motorhome?

Before the dust cap has been on the towed vehicle's connector continuously for three minutes as explained below, the towed vehicle's circuit may be tested by attaching and removing the dust cap from the towed vehicle's connector. When the dust cap is removed, the brakes should be observed to be applied. When the dust cap is attached, the brakes should be observed to be released.

After I plug in the dust cap, will the stealth still activate?

After the dust cap has been on the towed vehicle's connector continuously for three minutes, the towed vehicle's circuit will no longer engage the towed vehicle's brakes even if the dust cap is removed. When the towed vehicle's connector is reconnected to the coach, normal operation will resume.

How can you re-enter test mode on the stealth?

The testing mode may be re-entered by momentarily disconnecting the power to the towed vehicle's circuit by removing the power wire, pulling the fuse, etc. When testing is complete the brakes may be released and the testing mode disabled by again attaching the dust cap to the towed vehicle's connector continuously for three minutes.

What happens if I intentionally disconnect the towed vehicle from the coach?