

# BrakeSmart™

## Quick Reference Card



**Innovative  
Products for  
Transportation**

Brake TX  
www.masterbrake.biz

BrakeSmart  
12.3amps 12.7vdc

Note: approximately 4-6  
Amps for each Electric  
Brake Axle

### Electric Brake Calibration:

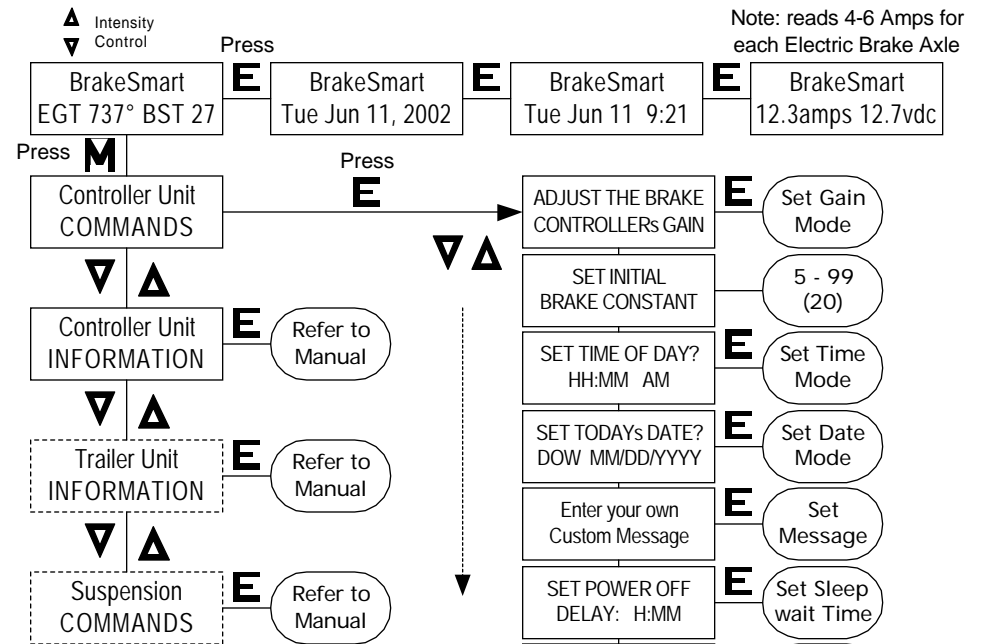
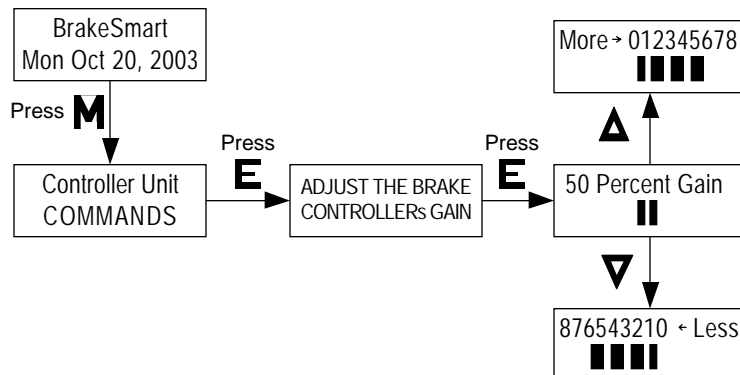
1. Stop the truck, connect the trailer, turn on the motor.
2. Push and hold the red thumb button all the way down for 2 seconds, the display will update and show the "CALIBRATION DONE" message as shown below.



**NOTE:** Ensure the truck and trailer are stopped. Please complete this procedure every time you connect the trailer. This will enable the auto-compensate mode to stop electric brakes from fading during braking operation. **This procedure is necessary only if your trailer does not have 2 axles.**

### Gain Adjustment:

1. From the main display press the **M** (menu) key. You should see "Controller Unit COMMANDS".
2. Now press the **E** (enter) key. You should see "ADJUST THE BRAKE CONTROLLERs GAIN". Press **E** again.
3. Now using the **▲** up and **▼** down arrow keys adjust the gain to the desired level.



Note: reads 4-6 Amps for each Electric Brake Axle

### Intensity Adjustment:

While the display shows BrakeSmart use the **▲** up and **▼** down arrow keys to adjust the intensity to the desired level.

### EGT & Boost Display Mode:

To use the EGT and Boost Display mode it is necessary to purchase a EGT & Boost control module.

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**M** (Menu)    **▲** (Up Arrow)  
**E** (Enter)    **▼** (Down Arrow)

ADJUST THE BRAKE CONTROLLERs GAIN	E	Set Gain Mode
SET INITIAL BRAKE CONSTANT	E	5 - 99 (20)
SET TIME OF DAY? HH:MM AM	E	Set Time Mode
SET TODAYs DATE? DOW MM/DD/YYYY	E	Set Date Mode
Enter your own Custom Message	E	Set Message
SET POWER OFF DELAY: H:MM	E	Set Sleep wait Time
Press ENTER For POWER SAVE mode!	E	Power Save
COMMUNICATION MODE	E	On/Off
DAILY DEVOTIONS MODE	E	On/Off
SET PRESSURE SENSOR	E	150/1500
FUSE TEST MODE	E	On/Off
SET BEEPER MODE	E	On/Off
SET PUMP MODE	E	On/Off
SET POWER FACTOR	E	.5 to 1.5
TRAILER BAT TEST MODE	E	On/Off
MANUAL BUTTON GAIN PERCENTAGE	E	30% - 90%
SET EGT CUTOFF TEMPERATURE!	E	800° - 1400°