

# Juice Box

## 335i Performance Tuner

O2 simulator install guide for BMW 335i/535i

Last Revised 3/1/2008

**For off-road use only!**

Tools Required:

8mm socket or nut driver

Small flat head screwdriver

2-4 small pieces of electrical tape, masking tape, or shrink tube

The O2 Sims box mounts in the ECU compartment in a similar fashion to the Juice Box Performance Tuner. Please refer to the appropriate install guide for directions on accessing the ECU area.

\*\*\* Before starting this step ensure the key is out of the ignition, all doors are closed, and that the car has been off for at least 5 minutes. If you have the comfort access package, place the keys inside the house as to not accidentally trigger the ignition. Alternatively you may also disconnect the battery in the trunk. \*\*\*

Larger ECU connector:

If JB installed:

Insert the black loom between the JB black loom, and the factory black/red wire.

If no JB installed:

Locate the #32 pin on the black sub connector, which will be a black/red wire. Use a very small screwdriver to gently push the retaining clip in and tug the black/red wire out of the sub connector.

Insert the black female connector from the O2 Sims in to the same #32 location you just pulled the black/red wire from. Slide the black male connector from the O2 Sims in the black/red DME female wire you just removed. Cover the exposed male/female pair with a small piece of masking or electrical tape.

Smaller ECU connector:

Locate #19 pin on the black sub connector, which will be yellow wire. Use your small screwdriver to gently push the retaining clip in and tug the yellow wire out of the sub connector

Insert the white connector from the O2 Sims in to the same #19 location you just pulled the yellow wire from. Slide the white male connector from the O2 Sims in the yellow DME female wire you just removed. Cover the exposed male/female pair with a small piece of masking or electrical tape.

Locate #20 pin on the black sub connector, which will be yellow wire. Use your small screwdriver to gently push the retaining clip in and tug the yellow wire out of the sub connector

Insert the red connector from the O2 Sims in to the same #20 location you just pulled the yellow wire from. Slide the red male connector from the O2 Sims in the yellow DME female wire you just removed. Cover the exposed male/female pair with a small piece of masking or electrical tape.

Once installed, use a code reader to delete/clear any existing codes.

Please note that the Sims come preset to deal with most arrangements, but some adjustment may be necessary depending on your build date, exhaust configuration, ECU progman version, and other factors. If after installing the Sims and **clearing existing codes** you continue to get codes P0420 and P0430, please email us for a complementary adjustment harness. Please note how long it takes for the CEL to recur after clearing the codes as this will determine the strength of adjustment needed.

\*\*\* DISCLAIMER \*\*\*

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