

THEREFORE...

Crankcase filters are cheap and effective at reducing pollution inside school buses. To protect our children and drivers, we must demand that all school buses be equipped

WHAT CAN WE DO?

A) INVESTIGATE

Make sure that your school's Parent Teacher Association (PTA) is aware of the health risks of riding old, dirty school buses and that Local Law 42 requires cleaner buses. See our other brochures for more information about Local Law 42.



B) TELEPHONE

Call the New York City Department of Education's Office of Pupil Transportation at **718-482-3810**, and demand they only sign contracts with school bus companies having the cleanest buses.



If your child attends a private or parochial school, call the school to demand they only sign contracts with school bus companies having the cleanest buses.

C) ORGANIZE

Call WEACT and FABB to work together to get cleaner buses on the road



**WE MUST DEMAND THE BEST
FOR OUR CHILDREN AND
SCHOOL BUS DRIVERS**

HOW TO DO IT?—TOGETHER

WEACT and FABB want to work with you to transform the school bus fleet in NYC. To find out more about our Rosa Parks School Bus Diesel Conversion Campaign

Contact:

**WE ACT for Environmental Justice
(WE ACT)**

271 West 125th Street, Suite 308
New York, NY 10027-4424
Phone: (212) 961-1000 ext 317
Fax: (212) 961-1015

Or

For A Better Bronx

199 Lincoln Ave.
Suite 214
Bronx, NY 10454
Phone: (718) 292-4344
Fax: (718) 665-0833

To join us in spreading the word and talking to neighbors about the cleanup of our city's school buses...

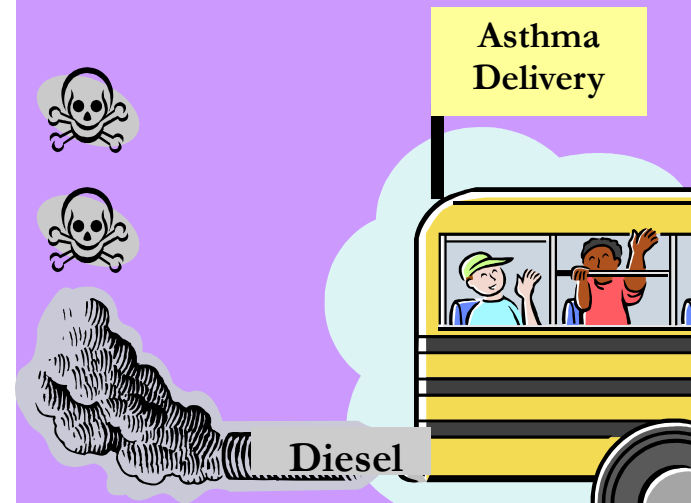
To find out more about Local Law 42...

To ask for a workshop about asthma, and the environment, diesel bus conversion, or other neighborhood issues, please call either organization...



Rosa Parks School Bus Diesel Conversion Campaign

Technology Solutions for School Bus Diesel Emissions



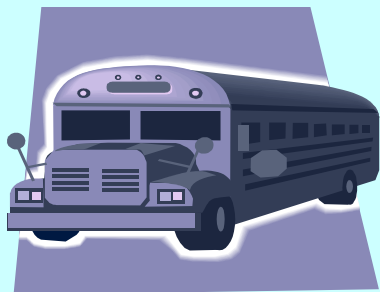
In the spirit of Rosa Parks, our unified communities can work together to achieve safe, healthy, and positive schools for students, staff, and bus drivers. This is part of our sustained goal of environmental justice.

WEACT for Environmental Justice
And
For A Better Bronx
With the Generous Support of Union
Square Awards

The School Buses

School Bus Pollution and Your Health

- New York City operates 6200 school buses, which is the largest fleet in the country.
- **School buses are one of the biggest polluters on the road.** They run on diesel fuel, which gives off dangerous exhaust. It not only affects the outside air, but the air inside the school bus cabin becomes polluted too.
- School buses drive with all the doors and windows shut, so the pollution stays trapped inside. Studies show that children inside the bus are exposed to four times more toxic exhaust than children standing outside of the bus.
- **Diesel exhaust is very harmful to breathe.** It causes asthma attacks and even cancer, lung and heart disease.
- **It is especially dangerous to children** because they breathe in more air than adults, so they take in more of the pollutants. Also, their respiratory and immune systems are still developing, so harmful air can affect how well their lungs grow.

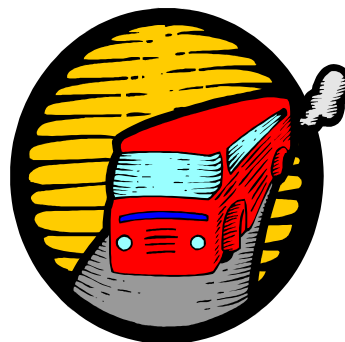


WE NEED TO STOP THE HARMFUL EXPOSURE OF DIESEL EXHAUST TO OUR CHILDREN AND SCHOOL BUS DRIVERS

Research has shown...



- Regular yellow school buses self-pollute, meaning the diesel exhaust comes inside the bus from the tailpipe and the crankcase. With all the doors and windows shut, the **pollution stays trapped inside.**
- High levels of very fine particles (soot) concentrate and float inside the cabin air. They are especially dangerous because their small size allows them to easily become **trapped in the lungs.** Other toxic substances found in diesel exhaust stick onto these particles going to the lungs, putting our health at risk.
- Inside the cabin, particle levels were found to be **higher than allowed** by National Ambient Air Quality Standards on diesel school buses.



- **95% of these harmful emissions can be removed when a combination of Ultra Low Sulfur Diesel fuel and the most effective filters are used.**
- The most effective filters do not work on buses older than 1996. **That's why it is important to get the oldest, dirtiest school buses off the roads.**

The Best Technology Available:

THE FILTER:

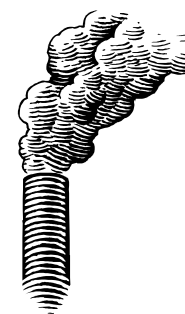
Diesel Particulate Filter (DPF) for the tailpipe emissions + Spiracle Crankcase Ventilation Filtration System for the cabin air

What Does It Do?

The combination cleans up tailpipe emissions into the outside air and crankcase emissions into the inside air

What Kind of Emissions Does It Reduce?

Particulate matter,
Carbon monoxide, and
Hydrocarbons reduced by
85% - 95% from the tailpipe
Eliminates harmful crankcase
emissions by 100% inside the
bus cabin



What Does It Cost?

\$8,000 - \$11,000 per bus

For the combination of an outside air filter (\$7200-9800) and an inside air filter (\$800-\$1200)



How Is It Maintained?

Requires \$35 crankcase filter replacement with each oil change.
DPFs require routine maintenance