



# Exhaust Notes

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## Time matters!

Remember to fill out repair orders completely. This means filling in the date *and* time of repair. See the article on this page for more information about repair orders.

## Repair orders: Document recommended repairs

As AES technicians you take pride in repairing problems you identify in vehicles. Ideally, you would be able to successfully repair every vehicle that comes to your shop.

Unfortunately, not all customers are able to afford the quality repairs you provide. Some emission control components are very expensive. Some repairs involve many hours of labor your customers are not able to compensate. For customers in difficult financial circumstances, long-term neglect may contribute to multiple causes of emission failure.

These are reasons the Emission Check Program allows vehicle

owners to obtain waivers from testing. While it may be disappointing when a customer chooses to obtain a waiver, that may be the only way to license a needed vehicle.

You know the requirement that a customer must spend \$150 on emission related diagnosis and repair to obtain a waiver. The work must be documented and shown how it addresses the emission test failure.

Proper documentation of emission repairs includes an itemized list of appropriate repairs and diagnoses you performed. Be sure to include the date and time you completed the emission repairs.

Your documentation also must include repairs you recommended but did not perform. Even if the customer declines further repairs, you need to document the emission repairs needed to make the vehicle pass an emission test. You also need to estimate the cost of those repairs.

A waiver does not exempt a vehicle from testing indefinitely. You may have a customer who wishes to postpone repairs until a later date. Knowing what repairs are needed, and the estimated cost, empowers the customer to plan for the future.

## Get the right AES certification

You don't need to be an AES to know that gasoline and diesel vehicles have some important differences. Not surprisingly, emission repairs between diesel and gasoline vehicles differ.

Ecology-approved trainers teach AES courses specific to vehicle fuel type. Some trainings teach how to perform emission repairs on gasoline vehicles, while others focus on diesels.

Authorization to repair gasoline vehicles does not apply to diesel-fueled vehicles, and vice versa. If an AES repairs a vehicle without the proper certification, the

vehicle will not be eligible for a waiver.

When you seek AES training, it's important to make sure you take the training that best meets your needs. If you work in a shop that primarily works on gasoline vehicles, make sure you take a gasoline training course. If you know you will be repairing mostly diesel vehicles, make sure your AES training is diesel certified.

In most cases, one training will be enough for an AES. In some cases, being certified to repair both gasoline and diesel vehicles

may make sense. This may apply if you work on a fleet that includes both gasoline and diesel vehicles.

Find information on Ecology-approved training at: <http://www.emissiontestwa.com>



## Emission testing by the numbers

### Find a trainer

You can find a list of Ecology-authorized trainers and upcoming scheduled trainings at: [www.emissiontestwa.com](http://www.emissiontestwa.com).

## Quarterly testing totals

### Totals for June, July, and August

Have you ever wondered how many vehicles get emission tested in Washington? What about the number of waivers issued? You can now find this information here in *Exhaust Notes*.

These totals are derived from the testing procedures performed in Washington State and are the On Board Diagnostic (OBDII), Two Speed Idle (TSI) and Diesel tests.

The following tables show how many vehicles were tested in June, July, and August of 2016. Washington State's contractor, Applus Technologies, Inc. runs the Centralized Facilities.

| Centralized Facilities | Tests  | Waivers |
|------------------------|--------|---------|
| Marysville             | 11632  | 413     |
| Everett                | 17132  | 609     |
| Lynnwood               | 17883  | 763     |
| North Seattle          | 21912  | 868     |
| South Seattle          | 18710  | 769     |
| Redmond                | 12726  | 324     |
| Bellevue               | 16043  | 464     |
| Renton                 | 26842  | 1159    |
| Auburn                 | 19603  | 921     |
| Fife                   | 15942  | 753     |
| Puyallup               | 13283  | 444     |
| Lakewood               | 19734  | 888     |
| West Vancouver         | 11175  | 238     |
| East Vancouver         | 22398  | 557     |
| West Spokane           | 20495  | 542     |
| East Spokane           | 10120  | 241     |
| Total                  | 276325 | 9953    |

The following table shows the numbers of vehicles tested at Authorized Test Facilities. Note that only Centralized Facilities issue waivers.

| Authorized Test Facilities      | Tests |
|---------------------------------|-------|
| Precision Tune-Gig Harbor       | 989   |
| Precision Tune-University Place | 681   |
| Precision Tune-Tacoma           | 268   |
| Precision Tune-Lakewood         | 140   |
| Auto Repair and Emission-Burien | 1372  |
| Lee Johnson Auto-Kirkland       | 134   |
| Juanita Firs-Juanita            | 2345  |
| JP Automotive-Burien            | 96    |
| Great Car Center-Gig Harbor     | 727   |
| Midas Car Care-Des Moines       | 0     |
| Hans VW Repair-Seattle          | 122   |
| Meineke Car Care-Des Moines     | 120   |
| CarMax-Spokane                  | 59    |
| Lloyd's Automotive-Burien       | 126   |
| Glen's Auto Repair-Burien       | 191   |
| Moose's Auto Tech-Tillicum      | 63    |
| Total                           | 2,279 |

## Inquiring minds want to know

With the ending of this year's third quarter, if you are like me, you wonder where the time has gone. Summer has now given way to autumn, school has restarted and those summer road trips are now but a memory. Those Hawaiian shirts have been stowed and the flannel is once again a fashion option.

Time to look ahead. But first allow me to bring to light the number of vehicles tested to date. Someone must have said or written, "Life, repair work and emission testing, like a river, still rolls on."

Before I get to the numbers please note that we have two different terminologies for the different testing facilities. The

multi-lane Applus Technology locations are known as 'centralized' test stations, and the independent hybrid stations are known as Authorized Testing Facilities (ATFs).

- Vehicles tested so far:
- 805,210 at centralized test stations.
  - 20,582 at ATFs

That's a healthy number with three months still ahead. This year is on track to reach the consistent 1.1 million cars annually tested.

Also, not to forget the techs that work in the fleet world. Here is the total for Q1 thru Q3: Total vehicles tested, 5,848.

I would also be remiss if I failed to mention the number of waivers issued at the centralized stations. Remember that you do the repair work, and the waivers are only issued at the Applus Technology stations.

Total waivers for the first three quarters is 29,286, or 3.55% of failed vehicles.

So that's all until January 2017. Have a great finish to 2016!



### Information For Repair Facilities

Check out [www.emissionstestwa.com](http://www.emissionstestwa.com) for answers to AES's most frequently asked questions.

## Keep your certification up to date

Fall and winter bring an end to some things, but a continuation of others. Authorized Emission Specialists in WA still need to maintain their certification in order to continue doing emission repairs.

A large number of technicians are due to expire at the end of 2016. Our database will automatically de-certify expired technicians. If your shop's only technician's certification will

expire at the year's end, your shop will no longer be listed as an authorized repair shop. It is imperative that technicians recertify BEFORE year end to remain active.

Go to [Emissionstestwa.com](http://Emissionstestwa.com) and check out the Authorized Emission Specialist Training Information for dates and locations for upcoming classes. You can also find contact information for instructors.

The holiday season gets busy and fewer classes are available at this time of the year. It's best to plan ahead. If you have questions, feel free to contact Mat Kwartin at [Mkwa461@ecy.wa.gov](mailto:Mkwa461@ecy.wa.gov) or 425-649-7113.



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To request ADA accommodation including materials in a format for the visually impaired, call Melanie Forster at Ecology, 360-407-6330. Persons with impaired hearing may call Washington Relay Service at 711. Persons with speech disability may call TTY at 877-833-6341.

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You're on the Road to Cleaner Air.

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