

# Dorman Training Center Presents:

## END OF THE YEAR HD TOWN HALL MEETING.



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### Your Instructor For This Webinar

- Owner, O&K Truck and Auto Repairs Ltd.
- ATTP Master Instructor, New York State
- Author, "Medium/Heavy Duty Truck Electricity and Electronics"
- Training provider for various Associations, industry and various NY State agencies
- Developed trainings that range from four hours to multiple days, specializing in brakes, electrical, regulations and many other subjects relating to our industry.
- Member of various organizations such as SAE, CVSA, TANY



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## What Will Be Covered

### Instructions For This Webinar

This webinar will be approx. 1 hour long

- All slides that are presented are in your handout and are numbered
- Have a pen or pencil and paper for notes
- Questions can be asked at anytime

- 01 First of the kind from Dorman Training Center.
- 02 Audio version (voice)
- 03 This L&L is meant to engage conversation and networking.
- 04 Sharing your ideas, real world vehicle issues and best practices.



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## Town Hall Conversation

- Industry statistics
- Industry Trends
- Industry needs
- Industry concerns
- Sharing real world hard cases and best practices

The goal is to share and learn from each other. We are a very unique industry that isn't just for everyone. If it was, everybody would be doing what we do.

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## Industry Statistics

The following are from 2022 (the latest available).

### Registered Vehicles

<u>Year</u>	<u>All Vehicles</u>	<u>Large Trucks</u>	<u>Buses</u>
2022	283,400,986	14,333,821	954,119

### “Million Vehicle Miles Traveled” (VMT) in the United States (Large Trucks)

<u>Year</u>	<u>All Vehicles</u>	<u>Single –Unit</u>	<u>Combination</u>	<u>Buses</u>
2022	3,196,191	136,224	195,049	18,490

Reminder: This is in million of miles

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## Industry Statistics

### Inspections Conducted by Federal and State Inspectors, 2023

• Inspections Total -	3,011,902
• State-	2936,144
• Federal -	75,758
<b>Safety Inspectors -</b>	<b>13,564</b>
State-	13,096
Federal -	468



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## Most Frequent Vehicle Violations in Inspections, 2021 (same for every year)

<u>Violation</u>	<u>Code</u>	<u>Category</u>	<u>Violation Description</u>
393.9		Lighting	Inoperable Required Lamp.
396.17(c)		Periodic Inspection	Operating CMV without proof of periodic inspection.
393.47(e)		Brakes, Out Of Adjustment	Clamp or Roto type brake out-of-adjustment.
393.95(a)		Emergency Equipment	No/discharged/unsecured fire extinguisher.
393.9TS		Lighting	Inoperative turn signal
396.3(a)(1)		All other Vehicle Defects	Inspection, repair and maintenance of parts and accessories.
393.75(a)(3)		Tires	Tire-flat and/or audible air leak.

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## Most Frequent Vehicle Violations in Inspections, 2021 (same for every year)

<u>Violation</u>	<u>Code</u>	<u>Category</u>	<u>Violation Description</u>
	393.11	Lighting	No or defective lighting devices or reflective material as required.
	393.53(b)	Brakes, all others	CMV manufactured after 10/19/94 has an automatic airbrake adjustment system that fails to compensate for wear.
	393.78	Windshield	Windshield wipers inoperative/ defective.
	393.75(c)	Tires	Tire-other tread depth less than 2/32 as measured in a major tread groove.
	396.5(b)	All other Vehicle Defects	Oil and/or grease leak.
	393.95(f)	Emergency Equipment	No/insufficient warning devices.

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## Most Frequent Vehicle Violations in Inspections, 2021 (same for every year)

<u>Violation</u>	<u>Code</u>	<u>Category</u>	<u>Violation Description</u>
	393.9H	Lighting	Inoperable head lamps.
	393.45(b)(2)	Brakes, All Others	Brake hoses or tubing chafing and/or kinking.
	396.3(a)1BOS	Brakes, Out Of Adjustment	Brakes OOS: the number of defective brakes is equal to or greater than 20% of the service brakes on the vehicle or combination.
	393.48(a)	Brakes, All Others	Inoperative/defective brakes.
	393.55(e)	Brakes, All Others	No or defective ABS Malfunction indicator lamp for trailer manufactured after 03/01/1998.

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## Industry Statistics

### Total Crashes by Vehicle Type, 2022

Large Trucks	Buses	All Vehicle Types
503,000	52,000	5,931,000

### Fatal Crashes by Vehicle Type, 2022

Large Trucks	Buses	All Vehicle Types
5,279	213	39,221



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## Industry Statistics



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## Industry Statistics



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## Industry Statistics

**Let's put this in perspective. To service all these vehicles with all the miles they travel, in 2024 there were 319,9000 truck and bus and diesel engine specialists.**

**From the U.S. Bureau of Labor Statistics "Jobs Outlook":**

**Employment of diesel service technicians and mechanics is projected to grow 2 percent from 2024 to 2034, slower than the average for all occupations.**

**Despite limited employment growth, about 26,500 openings for diesel technicians and mechanics are projected for each year, on average, over the decade.**

**Most of these openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.**

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## Industry Statistics

Cont. from Bureau of Labor Statics:

### Employment

**Demand for these workers may be reduced as more firms turn away from diesel-powered trucks and vehicles in favor of those that require less maintenance and repair. For example, trucks used for short-haul transportation, such as local delivery services, are expected to increasingly be electric.**

However, as more freight is shipped across the country, diesel powered trucks will continue to be needed to carry freight wherever trains and pipelines are neither available nor economical. In addition, aging vehicles with diesel engines are likely to require more maintenance and repair, supporting the need for diesel technicians.

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## Industry Statistics

### Commercial Motor Vehicle (CMV) Drivers Operating in the U.S., 2023

- Interstate CDL Drivers - 3,800,000
- Interstate Non – CDL Drivers - 1,800,000
- Intrastate CDL Drivers - 2,100,000
- Intrastate Non-CDL Drivers - 1,300,000

**Total Active Motor Carriers of all Types - 787,187 (active carriers with a USDOT number).**

**Note: all these numbers will change due to enforcement actions, business turnovers, licensing and many other issues.**

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## Discussion Points

**What are your thoughts?**

**What about AI?**

**Is there value to us?**

**Can we stay ahead of all the technology thrown at us?**

**Do you have any regrets getting into our industry?**

**Does the industry as a whole provide the tools we need to work on today's vehicles?**



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## DORMAN TRAINING CENTER “WHAT CAN DORMAN TRAINING CENTER DO TO HELP YOU”?



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Merry Christmas and a Happy New Years from all of us from the  
Dorman Training Center.



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*Questions?*

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# Thank You!

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