



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604**

DEC 04 2019

DATE:

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Motor City Diesel Performance & Repair, Wixom, Michigan

FROM: Cody Yarbrough, Environmental Engineer
AECAB (MN/OH)

THRU: Brian Dickens, Section Chief
AECAB (MN/OH)

TO: File

BASIC INFORMATION

Facility Name: Motor City Diesel Performance & Repair

Facility Location: 30691 South Wixom Rd. Wixom, Michigan 48393

Date of Inspection: October 28, 2019

EPA Inspector(s):

1. Cody Yarbrough, Environmental Engineer

Other Attendees

1. Rob Liss, Motor City Diesel Performance & Repair
2. Nathan McNabb, Motor City Diesel Performance & Repair

Contact Email Address: sales@mcdemail.com

Purpose of Inspection: Emission control device tampering on vehicles and engines.

Facility Type: Vehicle repair and performance shop.

Regulations Central to Inspection: Emission control device tampering prohibitions. CAA Section 203(a)(3)(a)-(b).

Arrival Time: 1:00 PM CDT

Departure Time: 3:10 PM CDT

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Credentials Presented
- ☒ CBI warning to facility provided

The following information was obtained verbally from Mr. Liss or Mr. McNabb unless otherwise noted.

Process Description:

Motor City Diesel Performance & Repair (Motor City) conducts performance and repair work on motor vehicles and engines at a rate of approximately 3-4 vehicles per week. Most work consists of engine and/or transmission replacement or general maintenance on diesel trucks. Performance work has included emission control device deletes, engine tunes, and turbo replacement, though the company no longer conducts emission control device delete work. Motor City is a dealer for many aftermarket automotive parts brands and sells products online through its website.

Staff Interview: Mr. Liss and Mr. McNabb stated that Motor City previously did delete work on vehicle but recently stopped after hearing about EPA's enforcement actions against other shops.

TOUR INFORMATION

EPA toured the facility: Yes

Data Collected and Observations:

Five vehicles in the shop appeared to have modified aftertreatment emission control systems. Mr. McNabb and Mr. Liss claimed that Motor City did not conduct the emission control device modifications on these vehicles. These vehicles are summarized in Appendix B.

Photos and/or Videos: were taken during the inspection.

Field Measurements: were not taken during this inspection.

CLOSING CONFERENCE

Compliance Assistance: Provided general compliance assistance regarding work performed on tampered vehicles.

Concerns: Mr. Yarbrough expressed concern regarding performance work and sales of parts that affect vehicle emissions, especially for work and parts that remove emission control devices.

SIGNATURES

Report Author: Cory Yarbrough Date: 12-3-19

Section Chief: Brian Deane Date: 12/4/19

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APPENDICES AND ATTACHMENTS

1. Appendix A: Digital Image Log
2. Appendix B: Vehicle Inspection Summary

Facility Name: Motor City Diesel Performance & Repair
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APPENDIX A: DIGITAL IMAGE LOG

1. Inspector Name: Cody Yarbrough	2. Archival Record Location: CD-R Labeled "Motor City Diesel Inspection Photos 10-28-19"
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Image Number	File Name	Date and Time (CDT)	Description of Image
1	PA280021.JPG	2019:10:28 13:19:33	Performance products on shelf - EZ LYNK (1)
2	PA280022.JPG	2019:10:28 13:19:54	Performance products on shelf - EZ LYNK (2)
3	PA280023.JPG	2019:10:28 13:20:04	Performance products on shelf - EZ LYNK (3)
4	PA280024.JPG	2019:10:28 13:20:20	Shop banners - Calibrated Power
5	PA280025.JPG	2019:10:28 13:20:29	Shop Banners - Motor City Diesel
6	PA280026.JPG	2019:10:28 13:24:29	Shop floor - exhaust pieces (1)
7	PA280027.JPG	2019:10:28 13:25:30	Ram 5500 exhaust
8	PA280028.JPG	2019:10:28 13:26:43	Shop floor - exhaust pieces (2)
9	PA280029.JPG	2019:10:28 13:28:07	Pile of exhaust parts (1)
10	PA280030.JPG	2019:10:28 13:28:13	Pile of exhaust parts (2)
11	PA280031.JPG	2019:10:28 13:28:20	Exhaust aftertreatment system on floor near Ram 5500
12	PA280032.JPG	2019:10:28 13:28:28	Pile of exhaust parts (3)
13	PA280033.JPG	2019:10:28 13:30:51	Ram 5500 body
14	PA280034.JPG	2019:10:28 13:33:58	Shop floor - exhaust pieces (3)
15	PA280035.JPG	2019:10:28 13:35:20	F350 rear
16	PA280036.JPG	2019:10:28 13:35:29	F350 straight pipe exhaust
17	PA280037.JPG	2019:10:28 13:36:38	F350 Banks exhaust tip
18	PA280038.JPG	2019:10:28 13:39:00	F450 exhaust
19	PA280039.JPG	2019:10:28 13:39:14	F450 exhaust/transmission
20	PA280040.JPG	2019:10:28 13:41:20	F450 Body
21	PA280041.JPG	2019:10:28 13:41:33	F450 VIN sticker
22	PA280042.JPG	2019:10:28 13:43:13	F250 King Ranch rear
23	PA280043.JPG	2019:10:28 13:43:30	F250 King Ranch exhaust
24	PA280044.JPG	2019:10:28 13:43:59	F250 King Ranch VIN sticker
25	PA280045.JPG	2019:10:28 13:44:17	F250 King Ranch engine
26	PA280046.JPG	2019:10:28 13:46:54	F250 King Ranch exhaust (2)
27	PA280047.JPG	2019:10:28 13:47:21	Shop banners - Flo~Pro
28	PA280048.JPG	2019:10:28 13:48:35	Shop floor - exhaust pieces (4)
29	PA280049.JPG	2019:10:28 13:48:42	Shop floor - exhaust pieces (5)
30	PA280055.JPG	2019:10:28 13:55:29	F250 VIN sticker
31	PA280056.JPG	2019:10:28 13:56:13	F250 rear
32	PA280057.JPG	2019:10:28 13:56:23	F250 exhaust tip

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33	PA280058.JPG	2019:10:28 13:56:43	F250 exhaust
34	PA280059.JPG	2019:10:28 13:56:59	F250 exhaust (2)
35	PA280060.JPG	2019:10:28 13:57:07	F250 exhaust (3)

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APPENDIX B: VEHICLE INSPECTION SUMMARY

Vehicles Inspected/Observed				
VIN/License	Vehicle Model	Appearance of Tampering	OBD Data Obtained?	Observations (e.g., Who Performed Apparent Tampering?)
License: BA55529	Dodge Ram 5500	No	No	Exhaust aftertreatment disconnected and on floor next to truck. The company claimed the exhaust had been removed to work on the transmission and it would be replaced upon completion.
License: CKN3630	Ford F350	Yes	No	Unknown tampering source. Exhaust aftertreatment system replaced with straight pipe.
VIN: 1FDXX47P95EC96808	Ford F450	Yes	No	Unknown tampering source. Exhaust aftertreatment system replaced with straight pipe.
VIN: 1FTSW21R08EA15161	Ford F250 King Ranch	Yes	No	Unknown tampering source. Exhaust aftertreatment system replaced with straight pipe.
VIN: 1FT7X2BT3BEB73675	Ford F250	Yes	No	Unknown tampering source. Exhaust aftertreatment system replaced with straight pipe.