

# Joseph Garrett Corbin

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## PROFESSIONAL SUMMARY

Seeking opportunity to utilize diesel mechanical skill-set to supplement freelance mechanical design endeavors.

## EXPERIENCE

### **Independent Contract/Fleet Maintenance for Touring Musicians**

08/2011 to present

- Designed automated controller for switching between diesel and veggie oil based on engine temperature.
- In the field diagnostics (pre and post-OBDII) and preventative diesel maintenance; glow plugs, fuel filter replacement, fluid changes, valve adjustments, etc.
- Restoration projects involving body work, painting, rust removal/prevention, and welding.
- Transmission replacement, engine computer troubleshooting, injection pump replacement, and rebuilding and pop-testing injectors for 80s and 90s Mercedes/Volkswagen diesel vehicles.

### **Mignogna Collision Center   Greensburg, PA**

03/2010 to 01/2012

- Tested vehicles and their components and systems.
- Reviewed work orders and discussed them with supervisors.
- Unibody measurement and straightening.
- Performed cosmetic repair: steel, fiberglass, and plastic.
- Upheld top-quality workmanship and excellent customer service.
- Test drove vehicles to ensure quality before returning to the customer.

### **Fossil Free Fuel     Braddock, PA**

10/ 2009 to 03/2010

- Waste Vegetable Oil/Bio Diesel Conversions on Diesel Vehicles; passenger and commercial.
- Troubleshooting and/or improving existing Vegetable Oil Systems.
- General diesel mechanic work. (Injection Pumps, Turbo Replacements, General Maintenance).
- Waste oil collection and processing.

## REFERENCES

Jason Tracy - Restoration/Vegetable Oil Conversion Client

(412) 315-4656

Benjamin Snodgrass - Automotive Repair Client

(603) 290-3534