Depth of Technical Monitoring Visits

Presented by Justin Ackeret & Todd McVicker

Introduction

- Spent 10 years in the Indiana Weatherization Program
- I started as a client having my own home Weatherized
 - Saved 63% on my gas bill
 - While completing my application I was asked to complete one for employment
- Started working for my local CAP as an insulator then jumped to an auditor within the first year.
- During the "ARRA years" I was a contracted monitor for IHCDA to "monitor the monitors".
- Then moved back to my local CAP to manage the Weatherization Program and within a year of firing all my friends we went from an average savings per home of 15% to 32% making us one of the best in the state.

Monitoring the Monitors

- During the ARRA years the influx of funding prompted the need for more home completions and more monitors.
- IHCDA brought in contracted monitors to look at 10% of all the homes completed.
- I was brought in to look at 10% of the homes they looked at resulting in 1% of the completions being monitored twice.
- This resulted in an approximate 10%-15% error rate in the monitors reporting.

Disclaimer

 I no longer work within the Weatherization Assistance Program so my answers may not reflect current standards or processes or be politically correct.

The Questions

- How far do you go into your monitoring inspections?
- How much time do you spend inspecting the home?
- How do you pick your homes?

How do you pick your homes?



Start by looking for the signs.

- If your state has a central database for all completions, look through them to find anything that looks suspicious.
- Request copies of multiple files (be specific)
- Pick a variety of homes (Site built, gas appliances, Mobile Homes, Multi-Family, etc.)
- If something doesn't add up on paper, it usually doesn't add up in the home.

Amperings At Each Element Measured At The Limit Switches:

El 20 Amps E4 Amps
El Amps

FT: General Waste Heat - Furnace Tune Up

HVAC SC-9999 Special Circumstances /each

Marked complete: Y Inspected: N

Location: test elements and oil fan motor.

\$5.00 \$20.00 1 \$25.00 \$5.00 \$20.00

These are the existing conditions as of the date below identified on this form. Client Signature	. Energy conservation w	will / will not be able to proceed due to items	
Auditor Signature ***********************************	Phone Number *************** Auditor on /2//5/10/10 al assessment have been	Date ***********************************	

How much time and how far do you go into your monitoring visits?

You need to spend more time and go farther with your inspections than the "person" that tries to keep you from finding the issues.

What does that look like?

By CARLIN MILLER | CBS NEWS | February 4, 2010, 11:20 AM

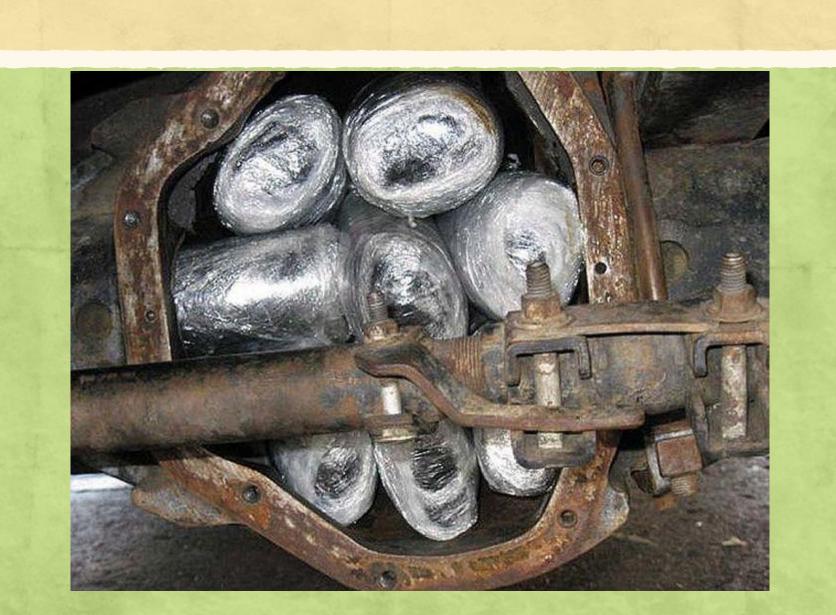
"Car Pooler" Busted for Mannequin Passenger in HOV Lane

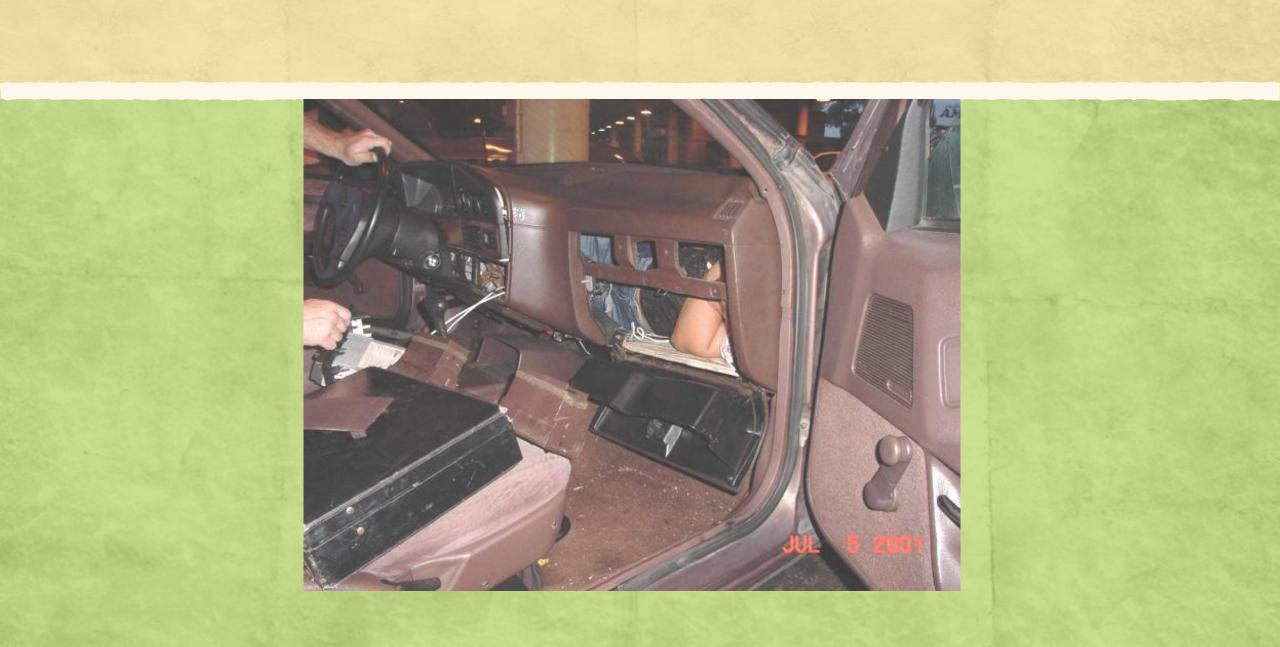
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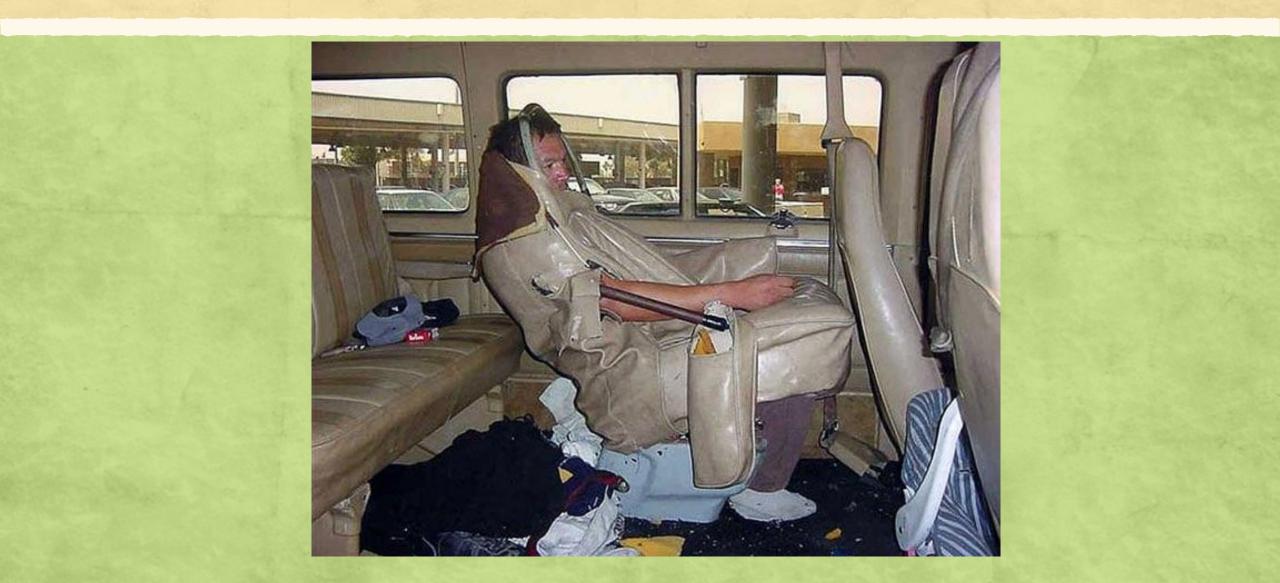


I'm pregnant. The HOV lane requires two persons in a vehicle. Now that I'm eating for two, can I use this lane? California law requires that in order to utilize the HOV lane, there must be two (or, if posted, three) separate individuals occupying seats in a vehicle. Until your "passenger" is capable of riding in his or her own seat, you cannot count them.





You can't see me.



Very creative



How far will you go?



Anything look off?



Additional income?

















Proper material should be used.















You have to dig.







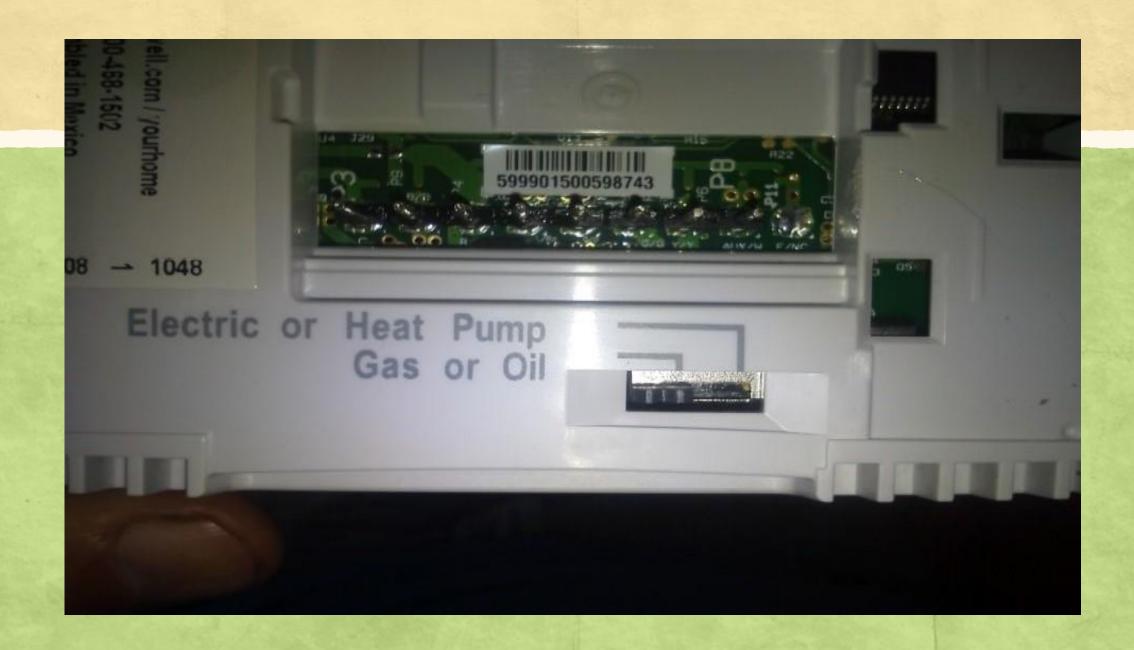








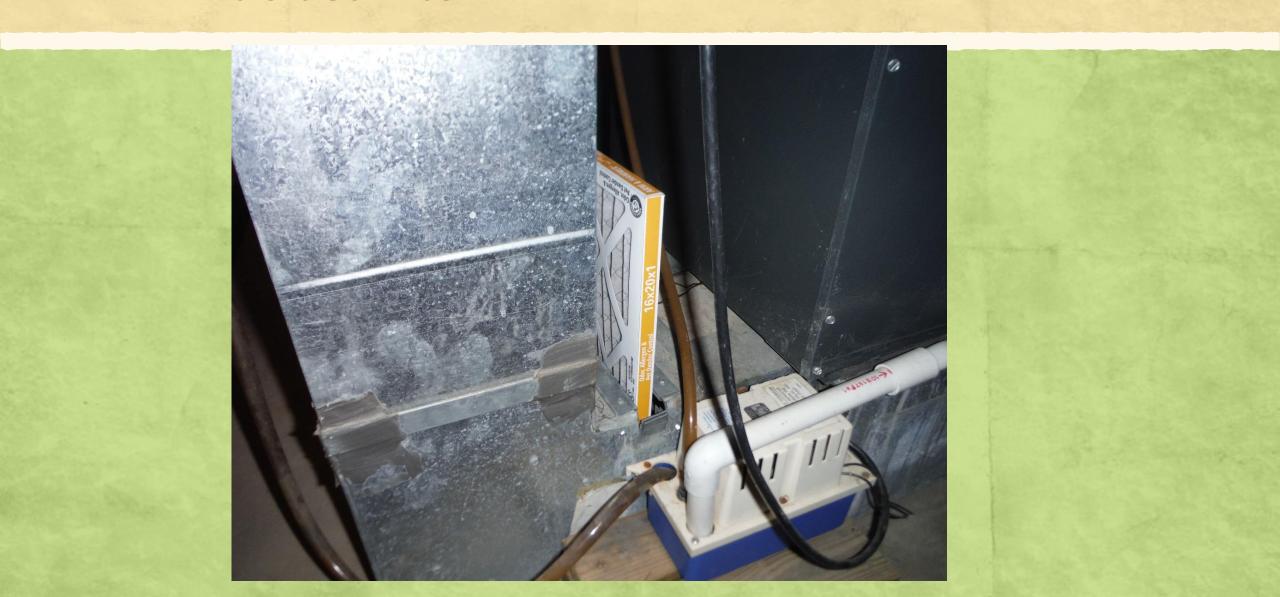








Two sided filter?







My house







Not everything is done on purpose.

- A lack of education, experience and/or leadership can aid in poor work quality
- You have to always be one step ahead.
- With every home you gain knowledge to use on the next home.

Questions?

