

Basics in Inspection and Detection

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Manual or Visual Inspection

- Live bed bugs



Bed bugs are visible in their adult form. They are approximately the size of a pencil eraser, red to brown in color, flat and oval in shape.



Tools



- Few people realize just how much effort it takes to conduct an proper inspection for bed bugs. A comprehensive inspection requires tools to disassemble beds, removing baseboard, outlet cover, fixtures, and smoke detector etc.

Bed bug Inspection Tools			
Flashlight	Step ladder	Pliers	Rubber Gloves
Screwdrivers	Crescent wrench	Magnifier lens	Knee pads
Small pry bar	Multi-tool	Inspection mirror	Plastic baggies



Manual or Visual Inspection

- Fecal Matter

Fecal spotting tends to appear as not as red blood but instead as dark/black stains or smears from the digested blood that is excreted.



Manual or Visual Inspection

- Blood Spots

The bed bug is unable to digest all of its blood meal and therefore excretes a portion of the undigested blood on the areas where it crawls. Another event that occurs is that as they are feeding the individual will move around in the bed and squeeze the bed bug between their body and the bedding.



Heidi – The bed bug sniffing dog

- Heidi is a three year old, English Beagle similar in appearance to the Foxhound but smaller.



Canine Scent Detection



- Why use a bed bug dog?

Dogs, have the unique ability to "sniff" out the eggs in the same way they can detect drugs or bombs. This ability is referred to as CSD (Canine Scent Detection), which gives their trainers a simple sign to confirm a discovery.

Bed bug dogs have the unique ability to be able to find a single bedbug. Their nose is 10,000 times more sensitive than humans. They can inspect a room in a matter of minutes, and in most cases be above 90% accurate.





Jail Cell





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Working with mother nature.

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