

Hejny Rentals, Inc.

Contractor, Lawn & Garden, and Party Equipment Rentals
1829 White Bear Ave. - Maplewood, MN 55109
Phone: 651-770-3841 – Fax: 651-770-1725
www.hejnyrental.com

M-66 Fisher Detector

Tuning

Proper tuning is essential for accurate locating.

1. Select an area that is free of metal near and under the search coil.
2. Turn the M-66 on by setting the Ground control to the position "5".

If the M-66 is sounding, turn the Tuning control counter-clockwise until the sound vanishes. In the same respect, if you have no sound then turn the tuning control clockwise until the needle moves to about "1A" and the sound is heard

NOTE: the tuning control is a multiturn control

3. Check the batteries by pressing the Battery Test button. A reading between 80 and 100 indicates the batteries are OK.
4. Set the coil on the ground. Adjust the Tuning Control (turn knob clockwise) so there is a slight threshold sound, and the meter reads 10.
5. Lift the coil approximately 12 inches off the ground.

Note any change of sound. If there is no change, the M-66 is balanced and ready to search. If the sounds changes:

Sound increases - Increase the Ground setting. Repeat above procedure.

Sound decreases - Decrease the Ground setting. Repeat above procedure.

D Repeat until the no change of sound occurs.

Searching

It is a good idea to establish a methodic search pattern. Avoid swinging the M-66 like a golf club; swing the detector side to side keeping the search coil the same distance above the ground.

Your sweep pattern should be a slow, half-circle motion. If you are searching for a small target, it is a good idea to overlap your sweeps.

When the detector's search coil starts to pass over a metal object, the sound will increase and the meter readings will increase.

Depending upon the size and depth of the target, the target may appear (respond) to be larger than it should. To get a visual outline of the target, you need to reduce the sensitivity of the M-66. An easy way to do that is to raise the coil and pass over the target. This can help establish the edges of the target.

Another method that will give a visual outline is to reduce the Tuning Control (sensitivity) of the M-66. Move the coil away from the target. Reduce the Tuning Control (turn counter-clockwise) approximately 1,4 of a turn. Sweep across the target area. The sound and meter readings will be more responsive as the search coil passes over the target. You may need to repeat this step more times if the target is at a shallow depth. Be aware that you can lose responsiveness of the target by over reducing the Tuning Control (sensitivity) of the M-66.

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