

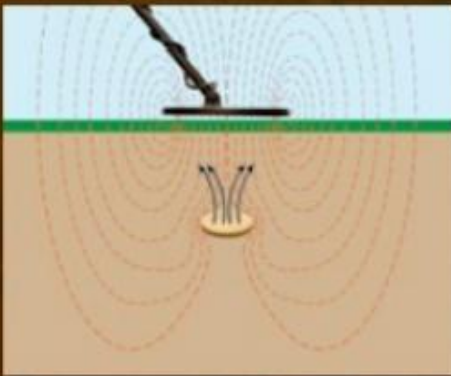
GARRETT PRO-POINTER®

HOW SEARCHCOILS WORK

Understanding the basics of searchcoils will empower you with the ability to choose the best searchcoil for each application.

Searchcoils generally consist of two internal sets of coiled wires, a Transmit Coil (TX) and a Receive Coil (RX). Mono coils can be different in that one coil acts as both the TX and the RX. When the detector is turned on, the TX coil generates a magnetic field in the surrounding space.

When a metallic object is within this generated magnetic field, it will create a distortion in the magnetic field. The RX coil will sense this distortion and send a signal to the control housing.



The transmit coil (TX) creates a magnetic field while the receive coil (RX) senses distortion in this field and signals the control housing.



LED light



Scraping blade



Utility use

360° SIDE DETECTION
WITH **PINPOINTING TIP!**

