

Notes on assembly of CAT# VC-30 Miniature Color Camera Kit

Parts List:

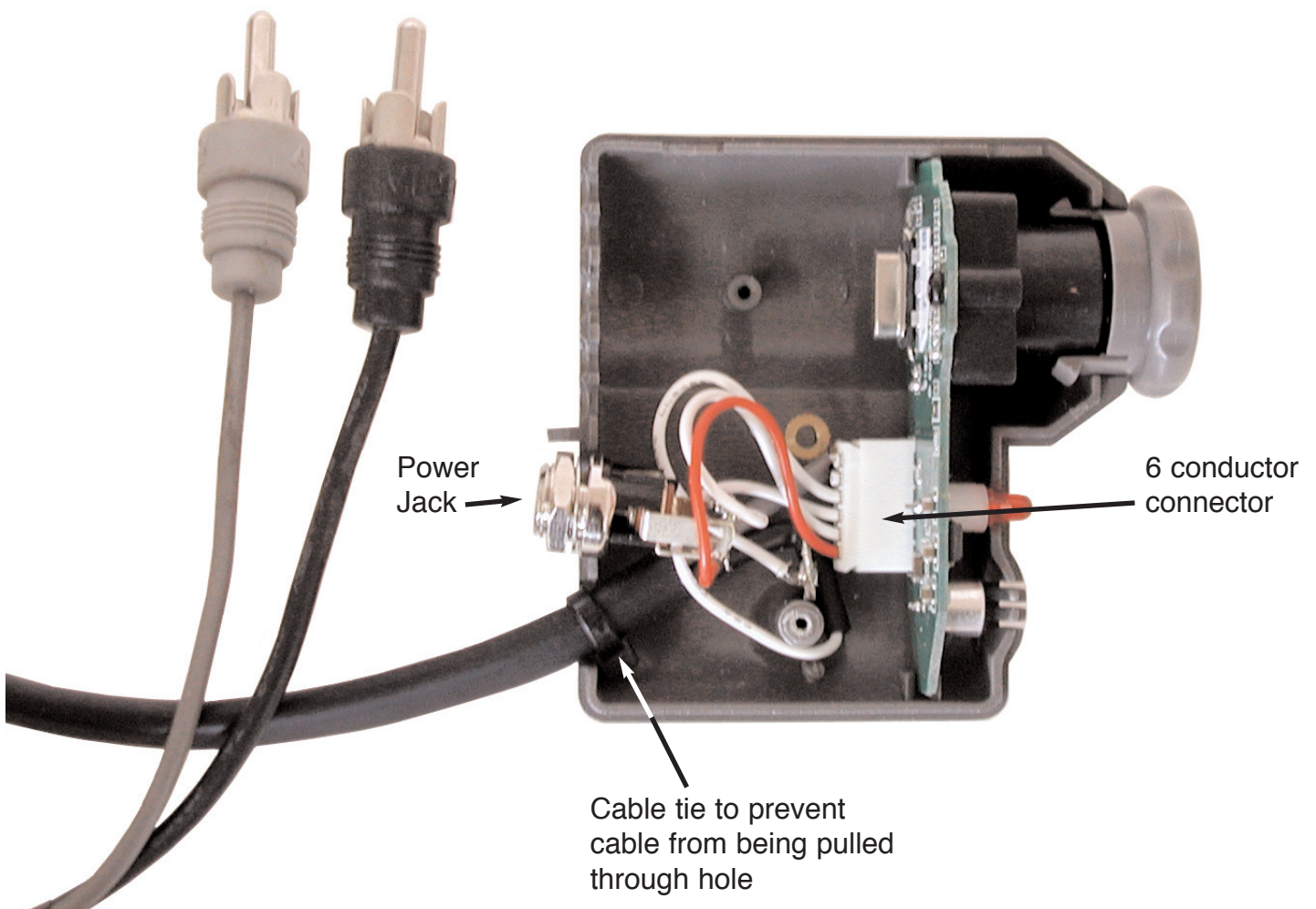
Camera board
Camera housing and mounting bracket
6-wire connector, white
DC power jack
Dual RCA cable, Video/ audio cable
Power transformer
Cable tie

Some soldering and assembly are required.

In photo below, note how the camera board fits into a slot in the camera housing. Note how much wire is being used and how it is routed. Route the wire efficiently and tape or insulate any connections that might contact each other to prevent shorts.

The hook-up diagram shows wire color codes and connections. The 6-wire white connector mates with the connector in the camera. It is easier to complete soldering before plugging the connector into the camera. Cut wires to appropriate length for ease of routing.

The DC power jack can be set into the large hole in the back of the camera. The audio/video cable can be routed through the hole under the power jack. You can use the cable tie, fastened tightly to the cable inside the case, to prevent the cable from being pulled through the hole.



1/3" CMOS COLOR CAMERA

CONNECTIONS

Power ground -
outside terminal of DC jack

+6 Vdc
Center pin of DC jack

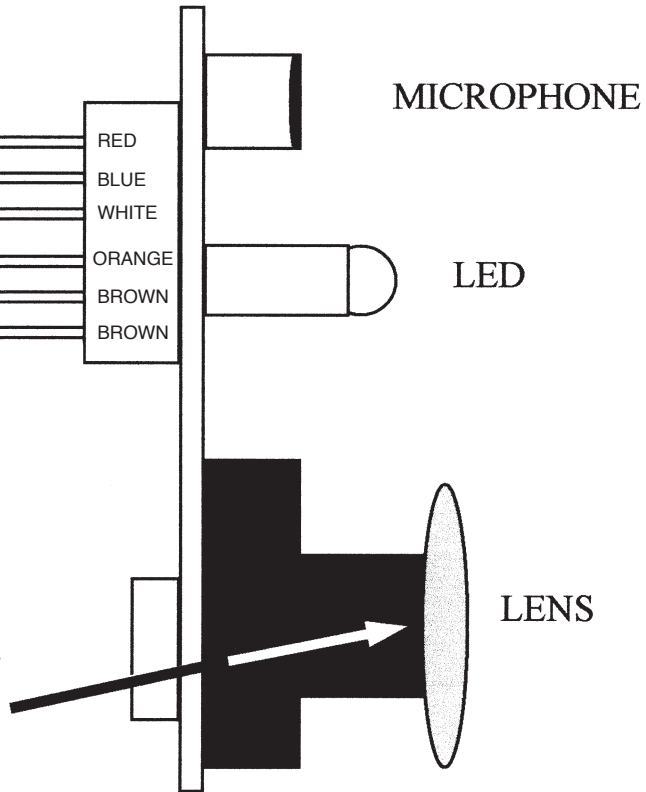
Audio +
Insulated conductor
of audio RCA plug

Signal Ground
Shield of audio RCA plug

Video +
Insulated conductor
of video plug

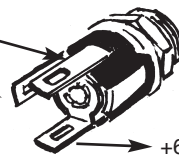
Signal Ground
Shield of video plug

**TURN LENS
CAP TO FOCUS**

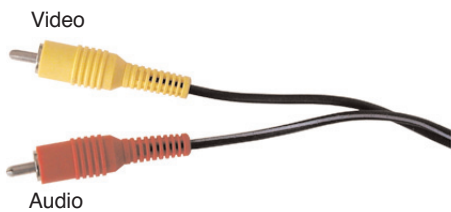


DC JACK

Power ground
either terminal



+6V center pin of jack



Video +
Insulated wire

Audio +

Video and
Audio
Signal
Grounds

Twist copper strands of
shields together

