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# Video Head Instructions

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# Video Head Installation Instructions

**NOTE:** When installing or replacing the Video Head, you need to make sure that the mount you are attaching it to will work with the Video head (see fig. 2). If they do not match, contact the factory for assistance. These instructions assume that the mount and wiring are already installed on the equipment.

1. Remove the 5 Phillips screws from the outer casing of the video head. There is one located on each side of the head and 3 located on the bottom.
2. Remove the set screw collar from the mount using a 5/32" Allen wrench.
3. Feed the wires through the mounting tube.
4. Feed the wires through the hole in the bottom of the Video Head face.
5. Feed the wires through the set screw collar removed in step 2 and gently secure the collar to the mount allowing the head to move on the mount.
6. Connect the wires to the lane board (see fig.1) and secure with the wire tie mounted in the head.
7. Test the audio and video.
8. Once the Video Head has been tested, locate the best angle position for the head giving the best line of sight into the lane.
9. Tightly secure the set screw collar.
10. Reassemble the outer casing.

**After setting the video head in the correct position, drill (2) 3/16" holes through the case bottom and use the plastic breakaway screws and nylon lock nuts provided to hold the video head in place.**

# Video Head Wiring Diagram

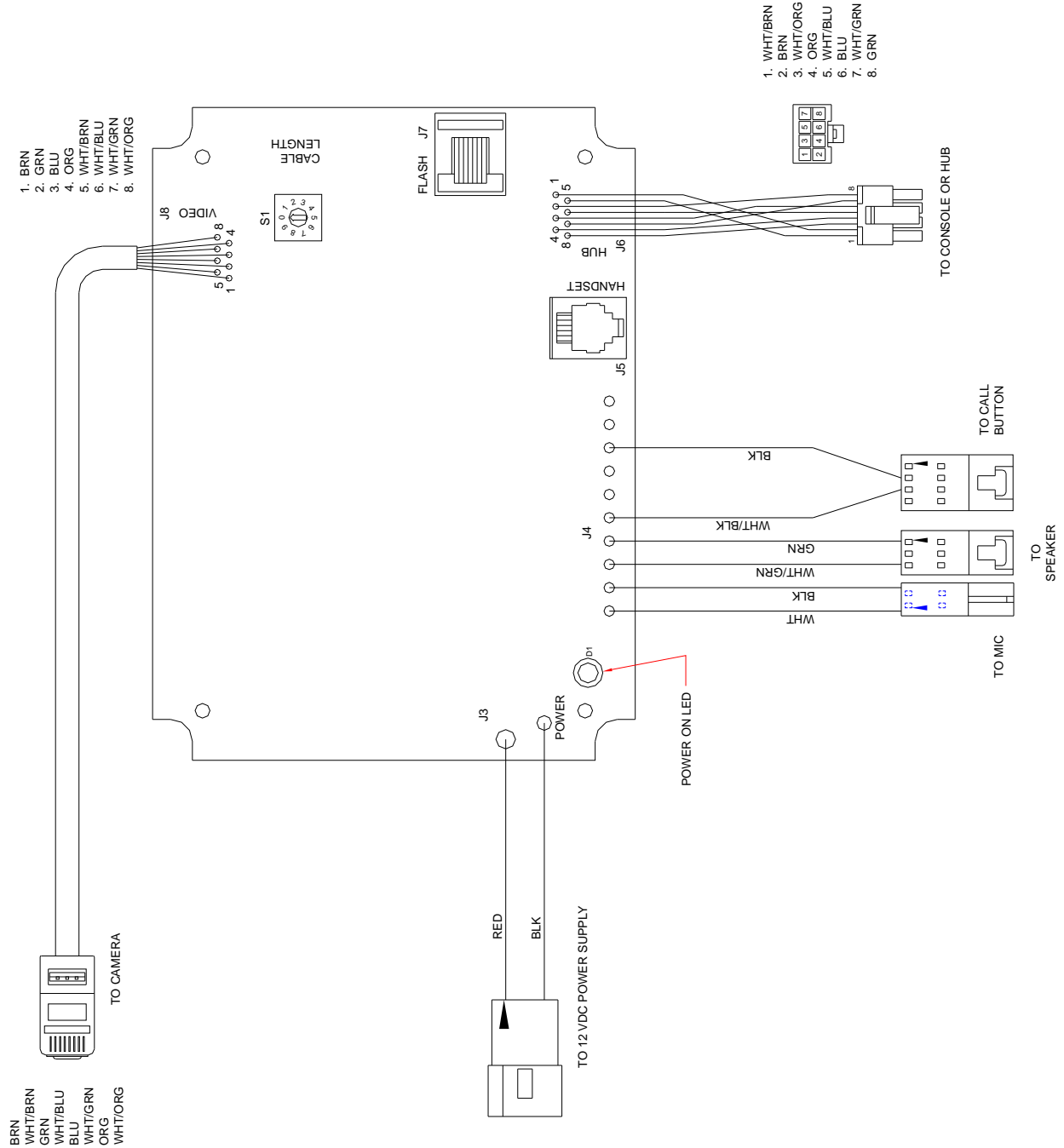


Fig. 1

# Video Head Mounting Diagram

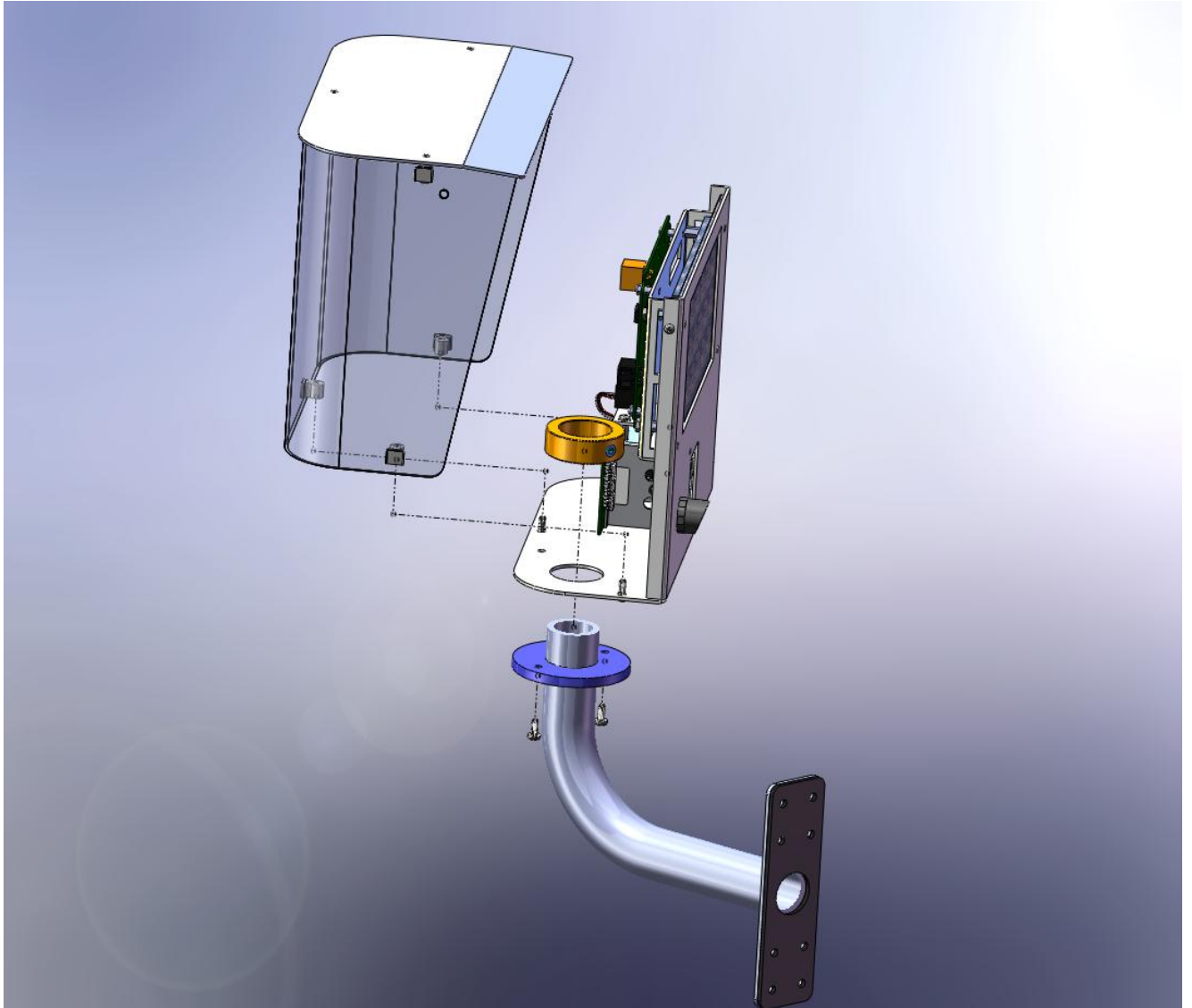


Fig. 2

## **Attaching TransTRAX Video Head Mount to Customer Tube**

1. Remove the bottom two screws from the stabilizer that is opposite of the customer control.
2. Temporarily attach the TT Video Mount to the stabilizer with the 10-32 x 1-1/4" Phillips Panhead machine screws provided through the bottom holes of the mount making sure it is square and plumb.
3. Mark the other six holes of the mount onto the stabilizer, and then remove the mount.
4. Drill at each of the marks with the 3/16" bit only through the plastic stabilizer, stopping when you hit the aluminum tube.
5. With the 5/32" bit, drill through the holes in the stabilizer into aluminum tube being careful to not penetrate the tube too far and damage the internal wiring.
6. Thread each of the new holes with the 10-32 tap.
7. Using the gasket provided as a template, mark the center of the tube hole of the gasket and drill a 3/4" – 7/8" hole through the stabilizer and aluminum tube. **[NOTE:** If you are adding a Video Head to a lane that has an AA Lane board in the customer control, you will need to drill a matching hole under the customer control cover to feed the Retrofit Harness (P.N. 04287051) through to the TT Video Head Mount, and then remove the Lane board. Again be careful not to damage the internal wiring. ]
8. Attach gasket to TT Video Mount base.
9. Feed Cat5 Cable, Call Button Harness, Speaker Harness, and Power Cable from TransTRAX through Mount Tube.
10. Attach TT Video Mount to stabilizer.
11. Install Video Head per its instructions.



