

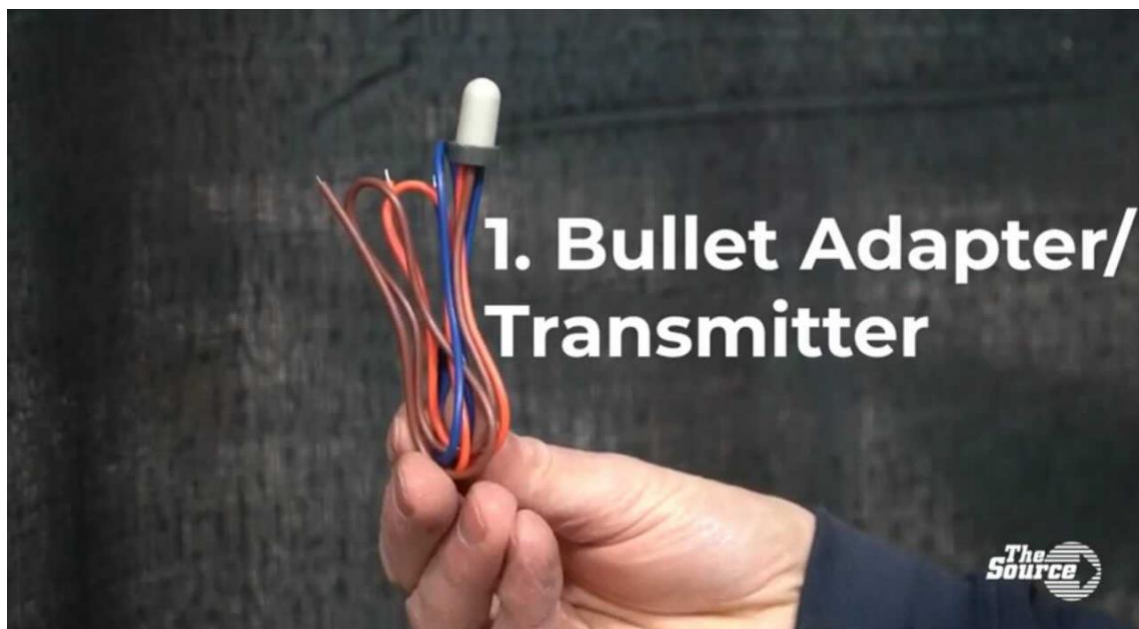
How to Install an Add-A-Zone

Starting with the adapter/transmitter at the controller box:

1. Remove the good field wire from the terminal for the station you will be using for the 1st valve and replace it with the **blue** wire.
2. Connect the **orange** wire (active wire) to the existing good field wire that was removed from the terminal previously.
3. Connect the **brown** wire to the station with the faulty wire or to an unused station output, if you are adding a new zone.

(In the past we have recommended that you have a station between the **blue** and **brown** wire, but I believe that you no longer have to skip a station now. If there is no open station and you are trying to skip the station - add a station module or upgrade the controller to one that has more stations.)

There are 3 wires on the adapter - **blue, orange, and brown**.

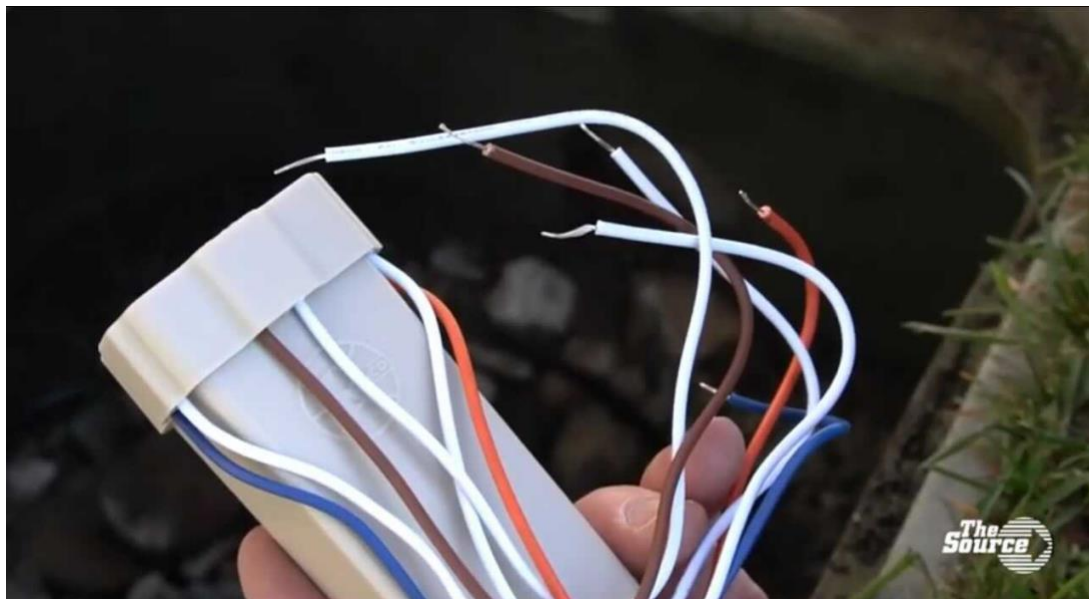


Followed by the receiver at the field valve (installed inside the valve box):

1. Locate the valve box where the faulty field wire is located or where you added the new valve.
2. Undo the two splices on the 1st valve that has the good field wire you will be using. One splice will be connected to the good field wire and the other will be connected to the common wire (the common wire might be a part of a wired bundle that includes the main common and valve commons, if this is the case, you'll want to undo these as well).
3. Undo the two splices on the 2nd valve wiring where the faulty wire is located. If you are adding a new valve, these will already be loose.

4. Undo the splice that has the main and valve commons connected if you didn't already do it in the first step. If you are adding a new valve, these will already be loose.
5. Using waterproof wire connectors/nuts you'll want to connect the **blue** wire to one of the 1st control valve wires on the solenoid (good valve), it doesn't matter which one you use. Then connect the **white** wire to the second wire on the solenoid.
6. Connect the **brown** wire to one of the 2nd control valve wires, this will be the one with the faulty valve or newly added valve. Then connect the **white** wire to the second wire on the solenoid.
7. Connect the **orange** wire on the receiver to the existing good field wire that is running back to the controller. This field wire will be used to operate both valves. Connect the **white** wire along with any common wires in the valve box to the common wire going back to the controller. (It's common to bundle all of the common wires together, but with the Add-A-Zone, it doesn't work well so we don't recommend including the adjacent white common wires on the blue and brown wires to this bundle.)
8. Go back to the controller and use the controller to manually
 - Turn on the 1st valve. When valve 1 is operating the light on the receiver should turn green. Confirm the light is green and the zone should be on.
 - Turn off valve 1 or manually progress through the stations to valve 2. When valve 2 is operating the LED light should turn red. Confirm the light is red and the zone should be on.
 - Now you can set any schedule or program for each. Valve 2 can be used as the master valve with the Add-A-Zone as well.

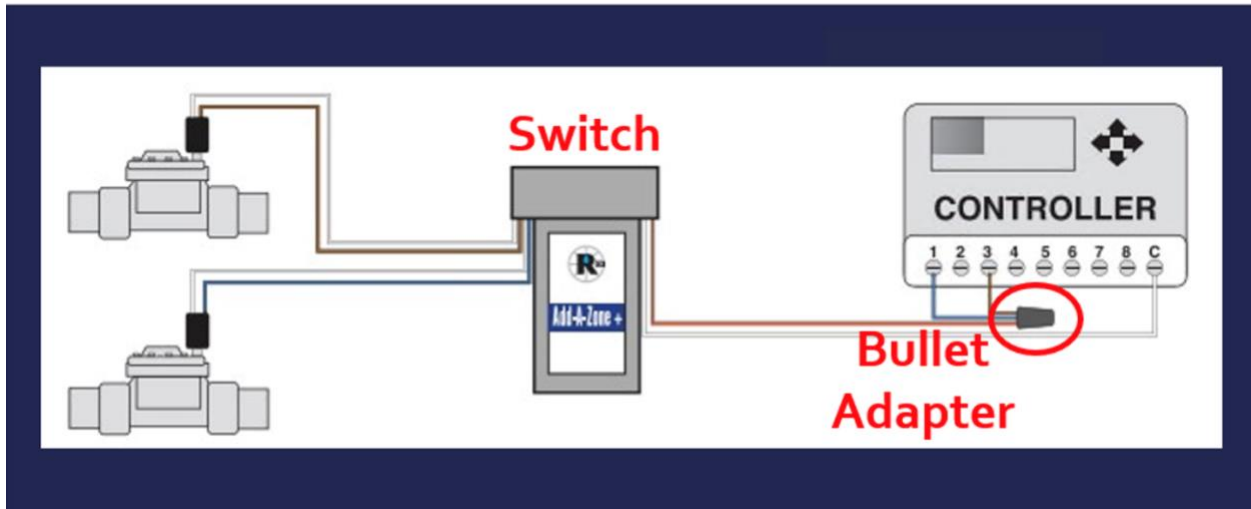
There are 3 sets of wires on the receiver - **blue and white, brown and white, orange and white.**



FYI - The receiver is waterproof.

[How To Install the Add-A-Zone YouTube Video](#)

BASIC LAYOUT



Blue/White wire connects to valve 1, **brown/white** wire connects to valve 2. **Orange** wire connects to the existing good field wire that is running back to the controller/**White** wire connects to the existing common wires.

If the Add-A-Zone light isn't switching, it's usually the adapter. If the adapter isn't working you will experience the following:

- 1) Valve 1 will work but Valve 2 will not.
- 2) Valve 2 will work but Valve 1 will not.
- 3) Both valves will turn on at the same time.
- 4) Neither valve will turn on.

The AAZ receiver at the valve box is rarely the issue. We have replacement Part A adapters available if needed. If they experience one of the 4 issues above, they should try replacing the adapter from another unit. That usually fixes the problem.