Air Sealing Prop

**HOW IT WORKS**

- Features include an attic bypass on the right, unsealed can light, PVC plumbing stack, and chimney through a simulated penetration.

- Cardboard and aluminum coil stock are fastened to openings with a hammer stapler. In the real world this flat stock would be backsealed with foam prior to fastening, but this step can be omitted to ease prop recycling.

- Recessed light fixture is covered with IRC-approved can light cover fabricated from ½ inch drywall and tape. The cover must provide 3 inches of clearance around the fixture and fit inside the rafter bay.

**USE TO:**

- Demonstrate air sealing
- Let students air seal around various typical attic penetrations

**PROP MATERIALS:**

1. Vent pipe
2. 2x6 frame, laid flat to support PVC and vent pipe
3. PVC
4. Recessed light fixture

**STATION MATERIALS:**

- High-temp. caulk & gun
- Cardboard or similar
- Aluminum coil stock
- Spray foam
- Sheetrock
- Drywall tape & saw
- Tin snips
- Measuring square
- Pencils
- Utility knife
- Staple gun and staples
- Eye protection

For additional information visit [www.weatherization.energy.gov](http://www.weatherization.energy.gov) or call 1-877-337-3463