

15° Angled LCRS In-Ceiling

1. Check ceiling area for concealed obstructions such as wiring, plumbing, heating ducts, etc.
2. Use a “stud finder” to locate positions of joists or rafters. Make sure that your intended locations for your speakers are unobstructed and that the holes will be at least 3/4 inch away from joists or rafters.
3. Use the supplied compass or cut-out template/paint mask to draw a circle with the diameter that corresponds to the model of your speaker on the chart below, and carefully cut out the hole.
4. Remove grille from speaker assembly using included grille remover, hooking one of the perforations at the edge of the grille.
5. Ensure that the “Toggle Clamps” are positioned as **(Item A)** in photo below. This way, they will clear the cut-out hole for installation.
6. Prior to inserting speaker into cut-out hole, attach speaker wires. Make sure to observe polarity (the “+” and the “-”). Speakers wired out of phase may exhibit an apparent loss of bass response. The wires will be held in place by the “Spring-Loaded Terminals” **(Item B)**. Wires should be stripped about 0.5". Tinning of wire ends will assure a trouble free installation, but is not necessary.
7. Insert speaker assembly into hole and orient it so that it is angled toward the listening area.
8. Before tightening the Toggle Clamp screws, turn each screw 1/4 turn counter-clockwise. As you start to turn each screw, the “Toggle Clamps” will rotate outward **(Item C)** to engage ceiling material. **CAUTION:** Do not overtighten the clamps. A snug fit is all that is necessary to assure proper performance.
9. If speaker assemblies are to be painted, either before or after installation, use the paint masking template (cardboard disc) to cover the speaker driver(s) to prevent damage. **DO NOT TRY TO PAINT THE GRILLE AND FRAME ASSEMBLY TOGETHER.** The grille should always be painted separately. Use thin coats taking care not to block perforations with excessive paint.
10. Your speaker includes a pivoting tweeter and it may be aimed toward the listening area to achieve even better imaging. **USE CARE TO AVOID DAMAGING THE DOME OF THE TWEETER DURING AIMING!!**



	Mounting Diameter x Depth
A-6LCRS	9-1/4" round x 5" deep
A-8LCRS	11-1/2" round x 5-3/4" deep
PV-6LCRS	9-1/4" round x 5" deep
PV-8LCRS	11-1/2" round x 5-3/4" deep

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