

Examine print R-78178 Baffle and Horn Assembly, noting that the baffle is composed of four parts: one each - left, right, top and bottom section. Also note that the four sections of the baffle are fastened together with 4" carriage bolts through mating boltholes, and are attached to the horn section with 6" carriage bolts. The horn section, in turn, is attached to the speaker enclosure with 3" carriage bolts.

For ease of assembly, stand the horn, item 7, with the large end on the floor. Raise each corner and insert two 6" carriage bolts, one on each side of each corner. Note that the head of the carriage bolt is toward the floor.

Obtain 8 small pieces of 2" thick scrap wood to use as shims. Place all four sections of the baffle on the corresponding bolts protruding from the horn corners, leveling them with the 2" shims at the outer corners. This indexes the baffle with the horn. Fasten the baffle sections together, finger-tight, with 4" carriage bolts (8), tighten nuts on the protruding horn bolts, also finger-tight.

Bring the speaker enclosure assembly, item 8, into approximate position and raise the baffle and horn unit into a standing position as shown on R-78178. Push small end of horn into speaker enclosure box. Insert 3" bolts and tighten, finger-tight.

Put all four braces, item 16, in place and tighten mounting bolts, with fingers, using 5" bolts on baffle end and 6" bolts on speaker enclosure end.

Square up unit as assembled on the floor, making sure baffles and speaker enclosure are flat on the floor. Tighten all carriage bolts securely. Insert balance of baffle-to-horn 6" bolts and tighten securely.

Place bridge panel, item 14, in place on top and fasten to baffle edge with four 3" carriage bolts and to horn enclosure with four 2" flat head wood screws.

Do not fasten sled, item 11, in place until high frequency speaker assembly has been mounted and phased.

Put the two damping membrane assemblies (burlap), item 21, in place and mount with flat head wood screws.

The T520B Baffle & Horn Assembly is now ready for mounting of the speaker units and the network.

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				WESTREX CORPORATION HOLLYWOOD DIVISION	
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