

INSTRUCTIONS FOR INSTALLING THE INSTRUMENT BOARD SPEAKER KIT IN THE 1941 CARS

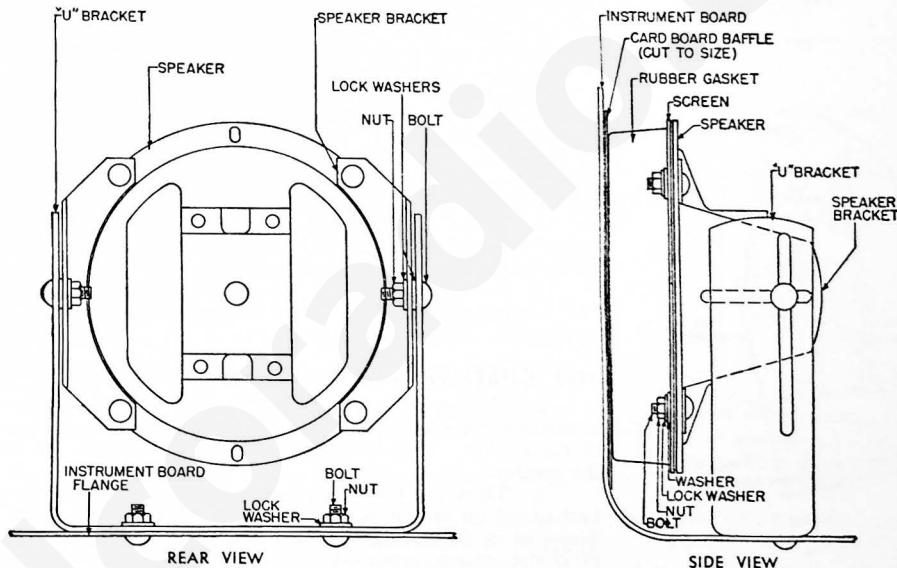
GENERAL

The Philco Universal speaker furnished with the Models AR-45, AR-55, AR-65 and AR-75 has been designed so that it can be installed behind the grille in the instrument board of practically all 1941 cars, with the least possible installation work. A Universal bracket and the necessary hardware are furnished with each Universal speaker, although it may not be necessary to use all this material on some installations.

The installation procedure varies in each make of car, but even in the most complex installation, the procedure is still quite easy and simple.

Using the "U" bracket as a template, locate and drill two 1/4" holes in the flange of the instrument board, so that when the speaker is assembled to the bracket, it will line up behind the speaker opening in the grille. Loosely assemble the "U" bracket and the adjustable side brackets. Bolt the speaker to the side brackets, placing the screen with the rubber gasket attached, against the face of the speaker and bend the four ears of the screen over the edge of the speaker. Cut the cardboard baffle to size and place it against the inside of the speaker grille. Hold the speaker and bracket in position behind the grille, and adjust the side brackets so that the speaker comes directly behind the speaker opening.

Use enough cardboard spacers on the "U" bracket mounting screw to clear any braces or switches on the inside flange of the instrument board. Then bolt the "U" bracket in place on the instrument board. Fasten the side brackets securely in position. On some 1940 cars, it may be necessary to cut the cardboard baffle to size and place it against the inside of the speaker grille.



SPECIAL INSTRUCTIONS

1941 BUICK —

1. Holes are provided in the instrument board flange for installing the "U" bracket. These holes are 3-3/4" apart and one inch forward from the rear lip of the instrument board flange.

2. Install the control unit as shown in the instruction sheet packed with each control adapter plate kit.

3. Fasten the "U" bracket to the instrument board flange with the nuts, bolts and washers, using four cardboard washers under each bolt, and make sure that the long slot in the sides of the "U" bracket are toward the grille. (See figure 1).

4. Bolt the speaker to the side brackets, placing the rubber gasket and screen against the face of the speaker. Then bend the ears of the screen over the edge of the speaker.

5. Loosely assemble the side brackets on the speaker to the "U" bracket, and force the speaker forward and in position as shown in Figure 1, then tighten the nuts.

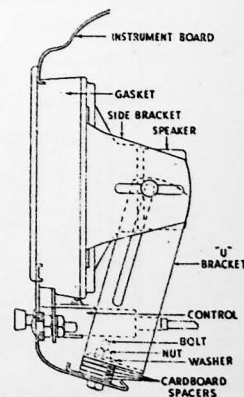


Figure 1

INSTRUMENT BOARD SPEAKER KIT (CONTINUED)

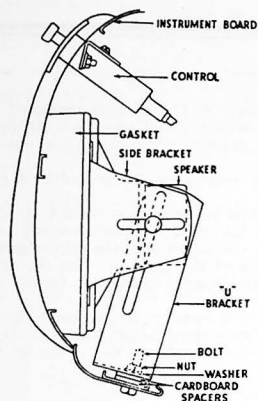


Figure 2

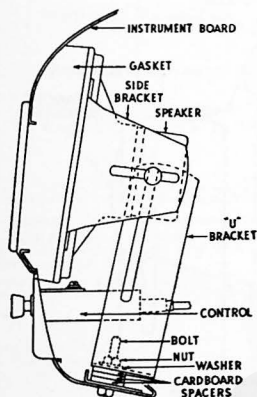


Figure 3

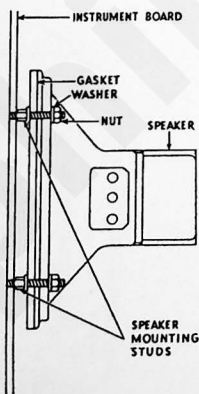


Figure 4

1941 CADILLAC —

1. Drill two 17/64" holes 2-3/4" on each side of the center line in the bottom flange of the instrument board and one inch forward from the rear lip of the instrument board flange.
2. Install the control unit as shown in the instruction sheet packed with each control adapter plate kit.
3. Fasten the "U" bracket to the instrument board flange with the nuts, bolts, and washers, using two cardboard spacers under each bolt. Make sure the long slot in the sides of the "U" bracket are toward the grille. (See figure 2).
4. Bolt the speaker to the side brackets, placing the rubber gasket and screen against the face of the speaker. Then bend the ears of the screen over the edge of the speaker.
5. Loosely assemble the side brackets on the speaker to the "U" bracket and force the speaker forward and in position as shown in Figure 2. Then tighten the nuts.

1941 CHEVROLET —

1. Drill two 17/64" holes 2-3/4" on each side of the center line in the bottom of the instrument board flange and 1-1/2" forward from the rear lip of the instrument board flange.
2. Install the control unit as shown in the instruction sheet packed with each control adapter plate kit.
3. Fasten the "U" bracket to the instrument board flange with the nuts, bolts, and washers, using three cardboard spacers under each bolt. Make sure that the long slots in the sides of the "U" bracket are toward the grille (See figure 3).
4. Bolt the speaker to the side brackets, placing the rubber gasket and screen against the face of the speaker. Then bend the ears of the screen over the edge of the speaker.
5. Loosely assemble the side brackets on the speaker to the "U" bracket and force the speaker forward and in position as shown in Figure 3. Then tighten the nuts.

1941 CHRYSLER — DESOTO — DODGE — PLYMOUTH —

1. Cut the rubber gasket on the indent line which is moulded in the side of the gasket and place the screen and gasket over the face of the speaker. Then bend the ears of the screen over the edge of the speaker.
2. There are four small holes around the speaker opening in back of the instrument board. Screw the self tapping threaded studs (supplied in the instrument board adapter plate kit) in these holes. Hold the speaker in place behind the grille opening and fasten the speaker in place on the four studs with nuts and washers. (See Figure 4). The studs are Part No. 77-0400, and additional ones can be ordered from your Philco Distributor.

1941 DESOTO —

The installation in the DeSoto cars is the same as the installation in the Chrysler cars. (See figure 4).

1941 DODGE —

The installation in the Dodge cars is the same as the installation in the Chrysler cars. (See figure 4).

1941 FORD AND MERCURY —

1. Saw the "U" bracket in half along the scored line in the bracket so that there will be two "L" brackets.
2. Install the control unit as shown in the instruction sheet packed with each control adapter plate kit. Be sure that two holes are drilled in the control mounting bracket so the "L" brackets can be installed. If these holes are not already in the control mounting bracket, drill two 17/64" holes 4-1/16 inches on each side of the center line and in line with the other holes in the bracket.

INSTRUMENT BOARD SPEAKER KIT (CONTINUED)

3. Fasten the two "L" brackets on the control mounting bracket with the nuts, bolts and washers, using one cardboard spacer under each bolt to space the "L" bracket away from the control mounting bracket. Make sure that the long slots in the side of the "L" brackets are toward the grille and the bottom of the "L" brackets outward. (See figure 5).

4. Bolt the speaker to the side brackets, placing the rubber gasket and screen against the face of the speaker. Then bend the ears of the screen over the edge of the speaker.

5. Loosely assemble the side brackets on the speaker to the "L" brackets, and force the speaker forward and in position as shown in Figure 5. Then tighten the nuts.

1941 HUDSON —

1. Saw the "U" bracket in half along the scored line in the bracket so that there will be two "L" brackets.

2. Install the control unit as shown in the instruction sheet packed with each control adapter plate kit.

3. Holes are provided in the instrument board flange for installing the "L" brackets. These holes are 6-1/8" on each side of the center line on the instrument board flange.

4. Fasten the two "L" brackets to the flange of the instrument board with the nuts, bolts, and washers, using three cardboard spacers under the left bolt and four cardboard spacers under the right bolt. Make sure that the long slot in the side of the "L" brackets are toward the grille and the bottom of the "L" brackets outward. (See figure 6).

5. Bolt the speaker to the side brackets, placing the screen and gasket against the face of the speaker. Then bend the ears of the screen over the edge of the speaker.

6. Loosely assemble the side brackets on the speaker to the "L" brackets and force the speaker forward and in position as shown in Figure 6. Then tighten the nuts.

1941 LINCOLN —

1. Saw the "U" bracket in half along the scored line in the bracket so that there will be two "L" brackets.

2. Drill two 17/64" holes 2-3/4" on each side of the center line in the instrument board flange, and 25/32" forward from the rear lip of the instrument board flange.

3. Install the control unit as shown on the instruction sheet provided with each control adapter plate kit.

4. Fasten the two "L" brackets to the flange of the instrument board with the nuts, bolts, and washers, using two cardboard spacers under each bolt. Make sure that the long slot in the side of the "L" brackets are toward the grille and that the side brackets on the speaker are assembled inside the "L" brackets so that the proper angle of the speaker can be obtained. (See figure 7).

5. Bolt the speaker to the side brackets, placing the screen and gasket against the face of the speaker. Then bend the ears of the screen over the edge of the speaker.

6. Loosely assemble the side brackets on the speaker to the "L" brackets and force the speaker forward and in position as shown in Figure 7. Then tighten the nuts.

1941 MERCURY —

The installation in the Mercury cars is the same as the installation in the Ford cars. (See figure 5).

1941 OLDSMOBILE —

1. Drill two 17/64" holes 2-3/4" on each side of the center line in the bottom flange of the instrument board and 3/4" forward from the rear lip of the instrument board flange.

2. Install the control unit as shown in the instruction sheet packed with each control adapter plate kit.

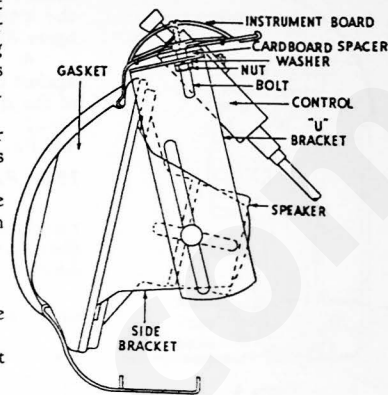


Figure 5

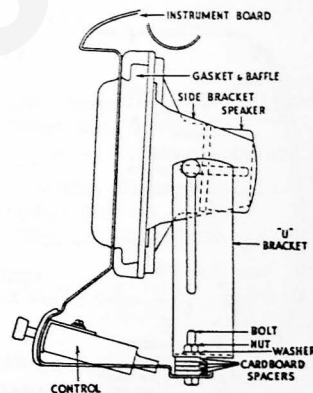


Figure 6

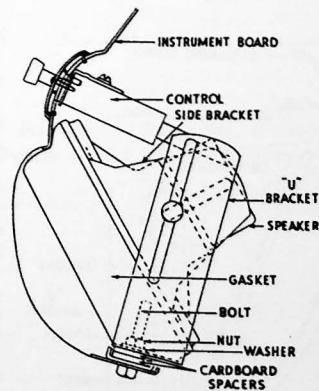


Figure 7

INSTRUMENT BOARD SPEAKER KIT (CONTINUED)

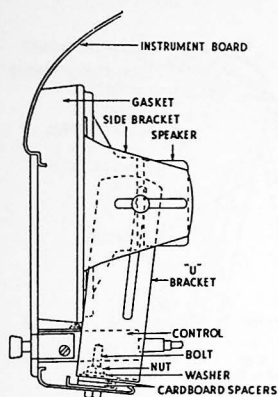


Figure 8

3. Fasten the "U" bracket to the instrument board flange with the nuts, bolts, and washers, using two cardboard spacers under each bolt. Make sure that the long slot in the sides of the "U" bracket are away from the grille. (See figure 8).

4. Bolt the speaker to the side brackets, placing the rubber gasket and screen against the face of the speaker. Then bend the ears of the screen over the edge of the speaker.

5. Loosely assemble the side brackets on the speaker to the "U" bracket and force it forward and in position as shown in Figure 8. Then tighten the nuts.

1941 PACKARD —

1. Drill two 17/64" holes 2-3/4" on each side of the center line in the bottom flange of the instrument board and 1-3/8" forward from the rear lip of the instrument board flange. Drill the holes through the flange and the dress plate which holds the plastic grille.

2. Install the control unit as shown in the instruction sheet packed with each control adapter plate kit.

3. Fasten the "U" bracket to the instrument board flange with the nuts, bolts and washers, using two cardboard spacers under each bolt. Make sure that the long slot in the sides of the "U" bracket are away from the grille. (See figure 9).

4. Bolt the speaker to the side bracket, placing the rubber gasket and screen against the face of the speaker. Then bend the ears of the screen over the edge of the speaker.

5. Loosely assemble the side brackets on the speaker to the "U" bracket and force it forward and in position as shown in Figure 9. Then tighten the nuts.

1941 PONTIAC —

1. Drill two 17/64" holes 2-7/8" on each side of the center line in the bottom flange of the instrument board, and 2 inches forward from the rear lip of the instrument board flange.

2. Install the control unit as shown in the instruction sheet packed with each control adapter plate kit.

3. Fasten the "U" bracket to the instrument board flange with the nuts, bolts and washers. Make sure that the long slot in the sides of the "U" bracket are toward the grille. (See figure 10).

4. Bolt the speaker to the side brackets, placing the rubber gasket and screen against the face of the speaker. Then bend the ears of the screen over the edge of the speaker.

5. Loosely assemble the side brackets on the speaker to the "U" bracket, and force it forward and in position as shown in Figure 10. Then tighten the nuts.

1941 PLYMOUTH —

The installation in the Plymouth cars is the same as the installation in the Chrysler cars. (See figure 4).

1941 STUDEBAKER —

1. Drill two 17/64" holes 2-3/4" on each side of the center line in the bottom flange of the instrument board, and 3/8" forward from the bend in the lip of the instrument board flange.

2. Install the control unit as shown in the instruction sheet packed with each control adapter plate kit.

3. Fasten the "U" bracket to the instrument board flange with the nuts, bolts and washers. Make sure that the long slots in the sides of the "U" bracket are toward the grille. (See figure 11).

4. Bolt the speaker to the side brackets placing the rubber gasket and screen against the face of the speaker. Then bend the ears of the screen over the edge of the speaker.

5. Loosely assemble the side brackets on the speaker to the "U" bracket and force it forward and in position, as shown in Figure 11. Then tighten the nuts.

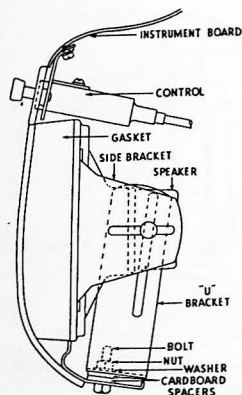


Figure 9

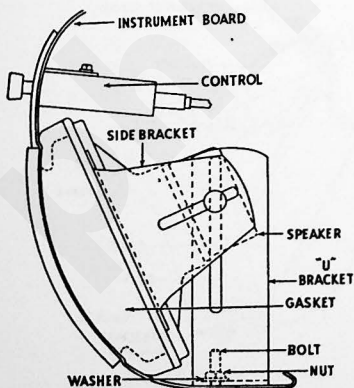


Figure 10

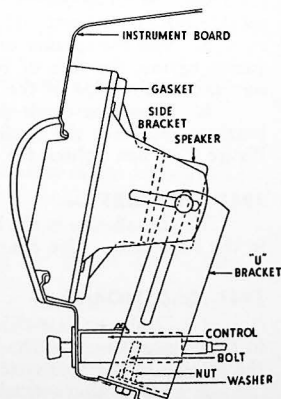


Figure 11