INSTRUCTIONS

ELECTRIC TRUNK LIFT KIT
(Fits most vehicles up to 1934)

PLEASE READ INSTRUCTIONS COMPLETELY BEFORE STARTING YOUR INSTALLATION

PARTS LIST

<table>
<thead>
<tr>
<th>Qty</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Arm assembly</td>
</tr>
<tr>
<td>1</td>
<td>Drive assembly (includes motor)</td>
</tr>
<tr>
<td>2</td>
<td>¾” x 1½” x 24” angle bracket</td>
</tr>
<tr>
<td>1</td>
<td>¾” x 1½” x 12” angle bracket</td>
</tr>
<tr>
<td>2</td>
<td>¾” X 1½” x 1½” angle bracket</td>
</tr>
<tr>
<td>1</td>
<td>universal rocker switch cover plate</td>
</tr>
<tr>
<td>1</td>
<td>male plug &amp;wire assembly</td>
</tr>
<tr>
<td>10</td>
<td>¼”-20 x ¾” hex bolts</td>
</tr>
<tr>
<td>10</td>
<td>¼” flat washers</td>
</tr>
<tr>
<td>10</td>
<td>¼” lock washers</td>
</tr>
<tr>
<td>10</td>
<td>¼”-20 hex nuts</td>
</tr>
<tr>
<td>2</td>
<td>¼”-20 nutserts</td>
</tr>
<tr>
<td>2</td>
<td>⅛” pop rivets</td>
</tr>
<tr>
<td>2</td>
<td>¼”-20 x ¾” chrome button head bolts</td>
</tr>
</tbody>
</table>

This unit may be installed on either side of the trunk as best suits your needs.

TOOLS REQUIRED

- Power drill
- ⅛”, ½” Allen wrench
- ¼”, ⅛” and ⃗” drill bits
- ¾” wrench (2)
- hack saw
- center punch
- fine tip marker
- vice grip pliers
- hammer
- flash light
- pop rivet gun
- nutsert tool

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1. Using vise grip pliers, or another clamping means, temporarily install the power unit on chosen side of the trunk. Locating the power unit so that the 5/8" diameter splined shaft is approximately 4" back from the front of the trunk opening and located as high as possible. See Photo 1.

2. With the power unit clamped securely, temporarily connect the motor to a 12 volt power source and run the unit up and down to check for gear clearance with upper body panel. At the same time, make sure the aluminum arm assembly will clear the edge of the trunk when installed. NOTE: Power unit must be mounted square so that the splined shaft is horizontal with the trunk floor and 90 degrees to the trunk side edge.

3. After all clearances have been obtained, solid mounting can begin. Start by mounting the two 3/4" x 1¼" x 1½" angles to the underside of the trunk drip rail using two 3/16" pop rivets as supplied, and mount brackets to power units with two 1/4" x 3/4" bolts and hardware as supplied. Some trimming of tabs may be required. See photo 2.

4. The two 3/4" x 1¾" x 24" angles are then installed to each side of the power unit running to floor of the trunk or wheel housing as best suited. Cut these pieces to fit. Drill and bolt to power unit using four 1/4" x 3/4" bolt and hardware supplied. See photo 3.
5. Depending on the contour of the trunk floor, the 3/4" x 1 1⁄4" x 12" angle can be used in full length or cut in two shorter tabs to mount the two 24" long angles to the floor. Locate and drill two holes through the angles and secure using two 1/4" x 3/4" bolts and hardware as supplied. Drill through brackets and floor securing with 1/4" x 3/4" bolt and hardware as supplied. See Photo 4.

6. With power hooked up to unit, run the motor without arm assembly to its lowest position. **NOTE**: If power unit is mounted on drivers side (left), the splined shaft should go in counterclockwise rotation. If the unit is mounted on passenger side (right), the splined shaft should go in a clockwise direction.

7. Using a fine point marker, mark an approximated location of the arm attachment bracket 11" back from the front of the trunk lid (the same side as the power unit is installed).

8. Crawl into the trunk and close the lid. Install the aluminum arm assembly on the splined shaft so that the stainless bracket on the arm assembly is sitting flush with the underside of the trunk lid; as close to the 11" mark as possible. Mark the two mounting holes of the bracket on the trunk lid. (See photo 6 below). This is the approximate angle of the arms when the cover is closed.

9. Open trunk lid and support in open position. Run motor and arm assembly to the up position and line up the marked holes on the trunk lid with the holes in the bracket on the arm assembly. Check the height of the trunk lid. If the height is correct for your needs, drill the two marked holes in the trunk lid with a 3/8" drill and clinch in the two nuts, supplied in the fastener kit. Attach the trunk lid to the stainless bracket on the arm assembly using two 1/4" x 3/4" button head bolts.

**See Photo 5 Note**: If more height is needed for the trunk lid, move the arm assembly upon spline and repeat step 8. If less trunk lid height is needed, move the arm assembly down one spline and repeat step 8.

**FIND A SUITABLE LOCATION FOR THE SWITCH AND MOUNT. THE SWITCH HAS FIVE NUMBERED WIRES. CONNECT EACH AS FOLLOWS:**

#1-GREEN to motor
#2 & 4 to RED to ground
#3-BLACK to fused battery voltage
#5-BLUE to motor
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