



At Revology Performance we believe a well-engineered vehicle begins with well-engineered parts. Our products are designed in-house and crafted by our engineers and product partners to be the best solution available. These parts are designed for a specific fit and application and are not universal in nature. They solve a packaging or installation issue using the best parts available. We hope you have many years of enjoyment with your classic Mustang utilizing the Revology Performance products you have purchased.

Revology Performance 1965-1970 Mustang Battery Box Assembly

PN REV-M58-11900



The Revology Performance Battery Box Assembly is designed to safely and securely mount your Mustang's 12-volt battery in the trunk on the right side of the vehicle. This traditional location (Ford even placed the battery in this very location on the 1969-1970 Boss 429!) provides extra weight over the right rear tire for traction, while keeping weight off of the front of the vehicle. This location also allows more room under the hood for engine swaps, electronics, and engine plumbing. We take the typical installation a bit further, as we do with all Revology Performance parts, and lower the box so that extra weight is closer to the ground for better handling. Lowering the battery also provides more room in the trunk as well. The tradeoff is there is some cutting and welding that you or a competent welder will have to handle in order to install the remaining components of the battery box assembly.

These instructions are assuming you are working on a bare chassis/body with all wiring, fuel system components, and so forth already removed from the vehicle, as shown in the following photos. If your vehicle is not, then please utilize the appropriate shop manual to remove the fuel tank, trunk compartment wiring, and cap/seal the vehicle's fuel line. Welding blankets are recommended to protect rear seat upholstery and vehicle painted surfaces.

Parts Included:

Qty	Description
1	Weld-in Insert
1	Battery Tray
5	Foam Anti-Rattle Strips
4	Stainless Allen Head Mounting Bolts
4	Stainless Flat Washers
4	Stainless Split Washers
4	Nut Inserts
1	Hold Down Bracket
2	Hold Down Retainers with Hardware
1	Battery Vent Hose with Grommet
1	3/8-24x1 Bolt, Washers, Nut
1	Negative Battery Cable Assembly

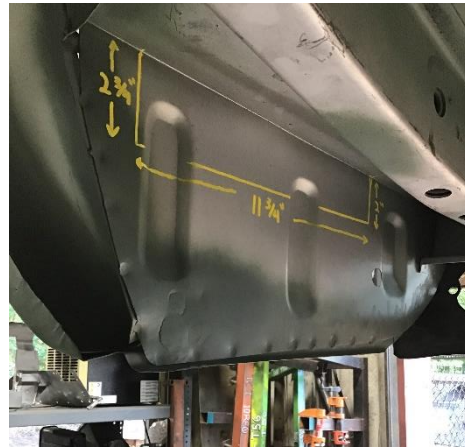
Additional Products Required:

Ford Motorcraft AGM Battery
PN BAGM-48H6-760, or equivalent

1. With the trunk area empty, including the fuel tank, measure back from the right inner wheel house flange $2\frac{1}{4}$ inches and scribe a mark at the edge of the trunk floor. From this mark, measure inboard $3\frac{3}{4}$ inches and draw a cut line with a marker or paint pen the length of the measurement. From this line measure rearward $11\frac{1}{4}$ inches and scribe another $3\frac{3}{4}$ inch cut line as shown, and then connect the two cut lines to create the cut-out area shown here.



2. Working from under the car your next step will be to create the cut lines on the trunk drop-off panel that coincide with the cut lines you made on the trunk floor. Beginning at the front of the trunk drop-off panel measure rearward the same $2\frac{1}{4}$ inches as you did on the top side and create a cut line $2\frac{3}{4}$ inches long from the top. Measure rearward from this cut line $11\frac{1}{4}$ inches and draw the remaining vertical cut line at 2-inches from the top. Connect these two vertical cut lines as shown to create your lower cut-out area.



3. With all cut lines marked proceed to cut the marked metal area out using the cutting method of your choice. Plasma cutter or cutoff wheel work great for the confines of the area. Once the metal has been cut free, grind/file any rough edges.



4. Place the insert into the cutout opening and check for proper fit. File/grind the opening as necessary to provide the proper fit for welding. Prep the area and the insert for welding by scuffing all areas to clean and remove old paint and other contaminants and then fully weld the insert into place.



5. Grind the welds as needed and then apply primer to the bare metal surfaces (both inside the trunk and the underside). Optionally, you can apply brush-on seam sealer as needed over the weld joints before priming.



6. Using the battery box insert as a guide, mark the four mounting holes in the trunk floor and drill these holes out using a 25/64-inch drill bit.



7. Locate the supplied nut inserts and install them into the four holes just created using the appropriate nut-setting tool.



8. Using the center stamping depression of the trunk drop-off panel as a guide, measure down three inches and mark the spot for drilling.



09. Drill the marked spot out with a 3/8-inch drill bit, deburr the hole, and grind or sand the metal bare as shown.



10. Insert the supplied 3/8-24x1-inch bolt into the hole and weld the bolt to the trunk drop-off panel, creating the ground stud for the negative battery cable.



11. Install the ½-inch thick foam strip on the floor of the welded insert, mounted towards the outer edge.



12. The remaining thin foam inserts are applied on the inner wall of the welded insert, along the inboard edge of the insert floor, and at the top of each short side of the insert.



13. Drill a 11/16-inch hole mid-point between the forward end of the battery box and the inner wheelhouse flange. This hole must be drilled from under the car unless a right-angle drill adapter is available.



14. Insert the battery vent hose grommet into the hole just drilled. Then pass the vent hose through the grommet to the underside of the battery tray and secure it to the vehicle, leaving enough hose to reach the battery once installed.



15. Using the 3/8-inch external star washer, 3/8-inch flat washer, and the 3/8-24 nut, install the battery ground cable to the stud welded in earlier.



16. Place the battery box into the welded insert and assemble the four stainless Allen head mounting bolts with split washers and flat washers as shown.



17. Install the fasteners assembled in step 16. Hand start all four fasteners to ensure proper alignment of the battery box and to prevent cross threading the fasteners. Tighten the fasteners evenly to secure the battery box in place.



18. Insert the hold down clamp J-hooks into the slots found in the battery box side panels, place your battery into the tray, and secure with the hold-down clamp and J-hooks using the included hardware. Connect the battery positive and negative cables to the battery and secure the battery vent hose to the battery.



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