

## Mini and **Royal** Mini Marque Armrest Installation Instructions: #5029, #5030, #5031, #5050, #5051, #5052

### Hardware:

7 - 1/4 - 20 Nutserts (one extra for practice)	2 - 10 - 24 x 3/16" Set Screws
4 - # 8 Wood Screws	1 - 1/4 - 20 Hex Nut (for nutsert tool)
4 - 1/4 - 20 x 1" Socket Head Cap Screws	1 - 1/4" Flat Washer (for nutsert tool)
2 - 1/4 - 20 x 1 1/2" Set Screws	

This armrest is designed to attach to the metal inner door panel for strength. Nutserts are included for that purpose. Nutserts should be installed on a fairly flat surface of the door and should fit snugly into the drilled hole.

**Installation: Please read and understand all instructions before drilling holes in your vehicle. Keep in mind these are generic installation instructions, as there many variations in the build of each vehicle.**

**STEP 1:** Hold the armrest in the desired location on a fairly flat surface on the door panel, then mark and drill the placement of the first nutsert (**Hole 1**) using a 25/64 drill bit (see diagrams below). It is important that this nutsert be installed before the others because it will be difficult to locate if the others have already been installed.

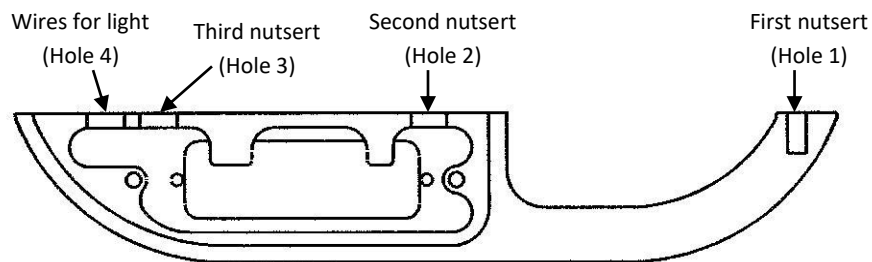
**STEP 2:** Install the first nutsert then put in a 1/4 - 20 x 1 1/2" set screw.

**STEP 3:** Slide **Hole 1** over the protruding 1/4 x 1 1/2" set screw and make sure the armrest is straight then mark and drill for the second nutsert (**Hole 2**), and third nutsert (**Hole 3**). Mark and drill for **Hole 4** if you have an armrest with light (#5030 and #5051 only). The light wires run through this hole.

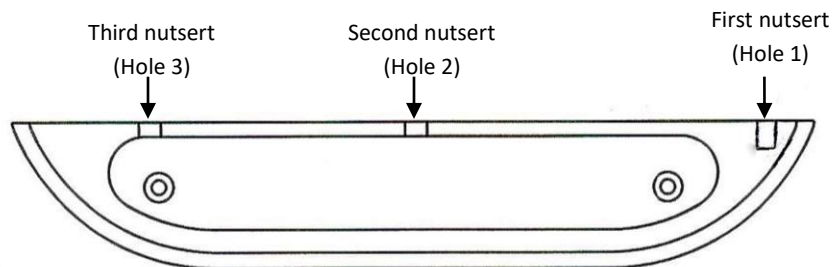
**STEP 4:** Install the second and third nutserts. Put 1/4 - 20 x 1" socket head cap screws in **Hole 2** and **Hole 3**. Tighten the 10 - 24 set screw on the underside of the door pull. Attach your upholstered wooden pads using the included wood screws. This completes the armrest installation.

**#5029, #5050 Mini and **Royal** Mini Marque Armrest with Pull**

**#5030, #5051 Mini and **Royal** Mini Marque Armrest with Pull and Light**



**#5031, #5052 Mini and **Royal** Mini Marque Armrest**



## NUTSERT TOOL:

Body shops and upholstery shops usually have an installation tool.

### MAKING A NUTSERT TOOL:

#### TOOLS NEEDED:

3/16" allen wrench  
7/16" wrench

#### HARDWARE (Included in the armrest pack.):

1 - 1/4 - 20 x 1" Socket Head Cap Screw  
1 - 1/4 - 20 Hex Nut  
1 - 1/4" Flat Washer  
Nutserts - (qty. depends on type of armrest)

There is an extra nutsert included so you can practice on a piece of scrap metal before attaching one to your vehicle. The nutserts should fit snugly into the drilled hole.

**STEP 1:** Put some lubrication on the 1/4 – 20 x 1" socket head cap screw threads to make installation easier. Put the washer, nut and 1/4 – 20 x 1" socket head cap screw through the end of the nutsert that has a flange. Screw down until the screw head bottoms against the nut.

**STEP 2:** Push the nutsert assembly through the installation hole until it bottoms on the flange. Use the 3/16" allen wrench to stop the assembly from turning as well as hold it straight while you tighten the nut to expand the nutsert. Stop tightening once the locking flange has been established (see picture). Remove the nut, washer, and screw. This completes the nutsert installation.

