

# Running Board Instructions

## 5083

2003-2007 Nissan Murano  
Drilling Required

### INSTALLATION PACKAGE

|   |   |
|---|---|
| Running Board                                   | 2 |
| Front & Middle Front Brackets (Tallest L Shape) | 4 |
| Middle Rear (Shortest L Shape)                  | 2 |
| Rear Brackets                                   | 2 |
| Pinch Weld Support Straps                       | 8 |
| Bolt Pack (Brackets)                            | 1 |
| Bolt Pack (Boards)                              | 1 |

### Necessary Tools

|                |                          |
|----------------|--------------------------|
| Socket Set     | Combination Wrench Set   |
| Safety glasses | Drill with drill bit set |
| Measuring Tape | Small level              |

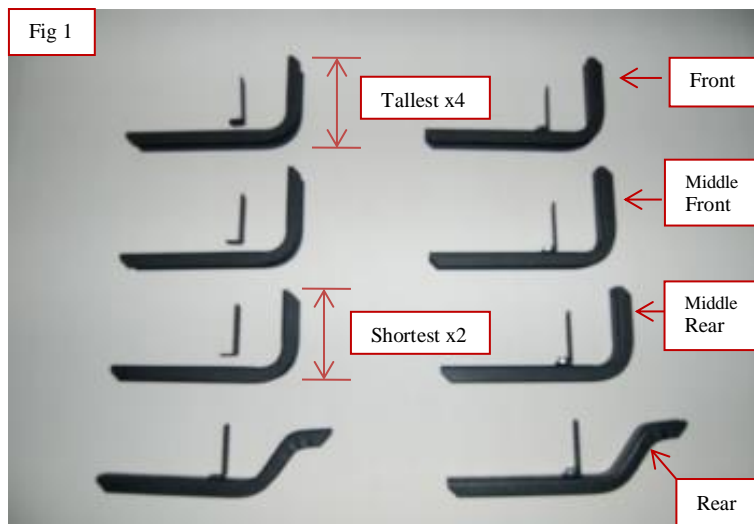
### Bolt Pack Brackets

|                                    |    |
|------------------------------------|----|
| 5/16" Hex Head Bolts               | 8  |
| 5/16" Washers                      | 16 |
| 5/16" Serrated Flange Nuts         | 8  |
| 1/4" -20 x 3/4" Hex Head Bolts     | 8  |
| 1/4" Washer                        | 16 |
| 1/4" -20 Flange Nut                | 8  |
| #14 1/4 x 3/4" Hex Head TEK Screws | 12 |

### Bolt Pack Running Boards

|                           |    |
|---------------------------|----|
| 5/16" x 3/4" Hex Bolt     | 16 |
| 5/16" Serrated Flange Nut | 16 |

**Step 1:** Lay out the bracket kit make sure you have a complete set. (Fig 1)



**Step 2:** First mark the mounting locations on the pinch weld of vehicle. We will measure the metal pinch weld from the underside of the mud flap if equipped: 11 1/2", 27 3/4", 43 1/4" and 61 3/4".

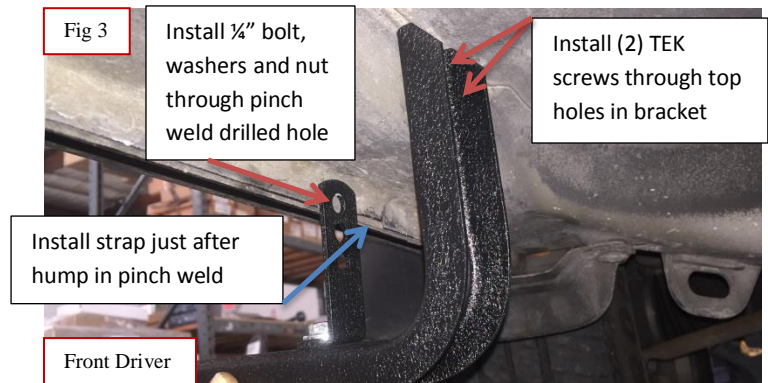


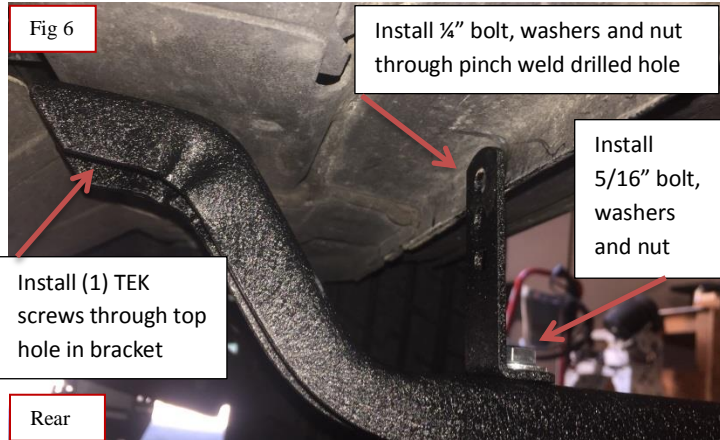
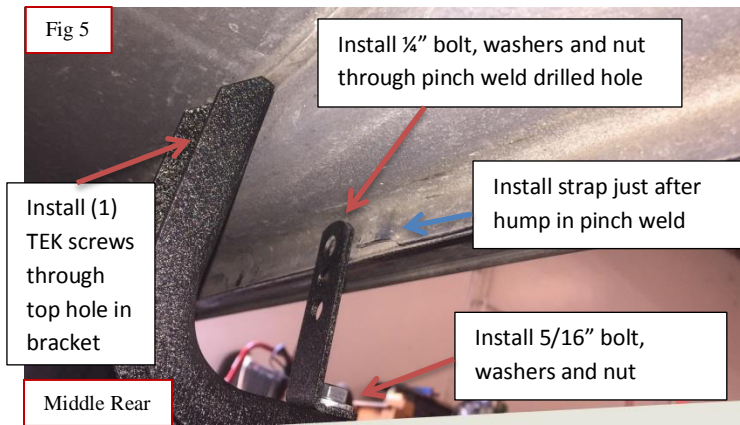
**Step 3:** Drill 1/4" holes in all four marked locations in pinch weld. **Note:** Drill each hole so that is center top to bottom on the pinch weld. Reference locations ( Fig 3,4,5 & 6)

**Step 4:** Using 1/4" Hex Head Bolts, Washers and Flange Nuts attach pinch weld support straps to previously drilled holes.

**Step 5:** Attach the main brackets to pinch weld support straps using 5/16" hex head bolts, washers and flange nuts. Leave snug not tight.

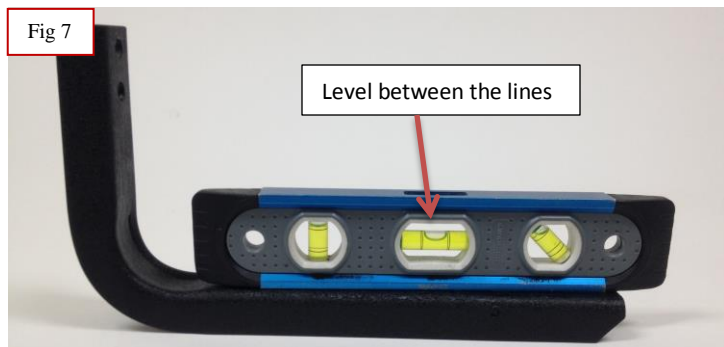
**Step 6:** Install brackets in locations shown with 1/4" bolt installed through pinch weld and strap and 5/16" bolt through strap and bracket. **Do not install TEK screws at this time.**





**Step 7:** When installing TEK screw in rear bracket in Step 8. Make sure bracket is protruding out from vehicle even with front, front middle & middle rear brackets.

**Step 8:** This is a very important step and will require the use of a level. This will have to be done with the vehicle resting on the ground with no stands or stands equally lifted on both sides. You will need to place a level on the bracket as shown. When level mark the holes on the brackets where TEK screws install and lift your vehicle up and install with drill and 3/8" driver bit or just go ahead and install the TEK screws if lifted already. Install the TEK screws through main brackets and into frame rail as shown Fig 3,4,5 & 6.

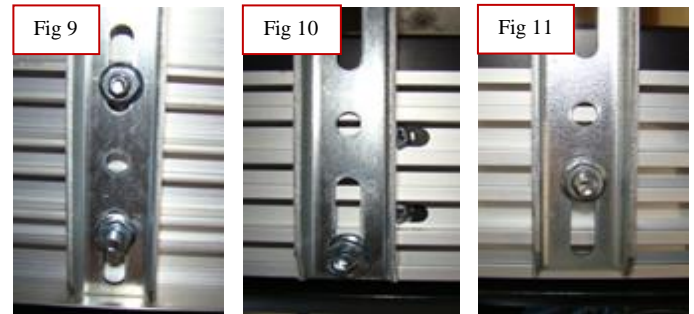


**Step 9:** Tighten all fasteners to secure brackets to vehicle.

**Step 10:** Place board on brackets with brackets mounted in position. Look on underside of board to which channel will match up with bracket slots to slide the 5/16" bolts down on the underside of board so bolt stud will be lined up with bracket slot. You will only need one bolt to secure board to each bracket. Two bolts per bracket are supplied if applicable. Loosely hand-tighten 5/16" nuts to hold board to brackets.



**Step 11:** There are several configurations to mount the boards to the brackets. We have provided some suggestions in the figures above. These changes allow you to adjust the board in or out according to your step preference. All are correct.



**Step 12:** Adjust board to center on cab front to back and adjust in and out for desired step area. Tighten outside brackets first then inside brackets accordingly. Fully tighten all brackets.

**Step 13:** Check that all brackets are tight before stepping on boards.