

# RTS81FD

## 2009-2014 Ford F150/Raptor Ext Cab RTS81FD Installation Instructions

### Hardware Kit Includes Loose:

- (1) 24 – Hex head bolts (M8-1.25 x 30mm)  
Grade 8
- (2) 24 – Lock washers (M8) Grade 8
- (3) 36 – Flat washers (M8) Grade 8
- (4) 12 – Lrg. M8-1.25 U-Clip (#18401)
- (5) 12 – Hex head nuts (M8-1.25) Grade 8

### Hardware Installed at ICI:

- (1) 24–Button head Allen head bolt  
(M5-1.0x16mmSS) #200308878
- (2) 24– Serrated hex head flanged nuts  
(M5-1.0 SS) #200391166

### Components List:

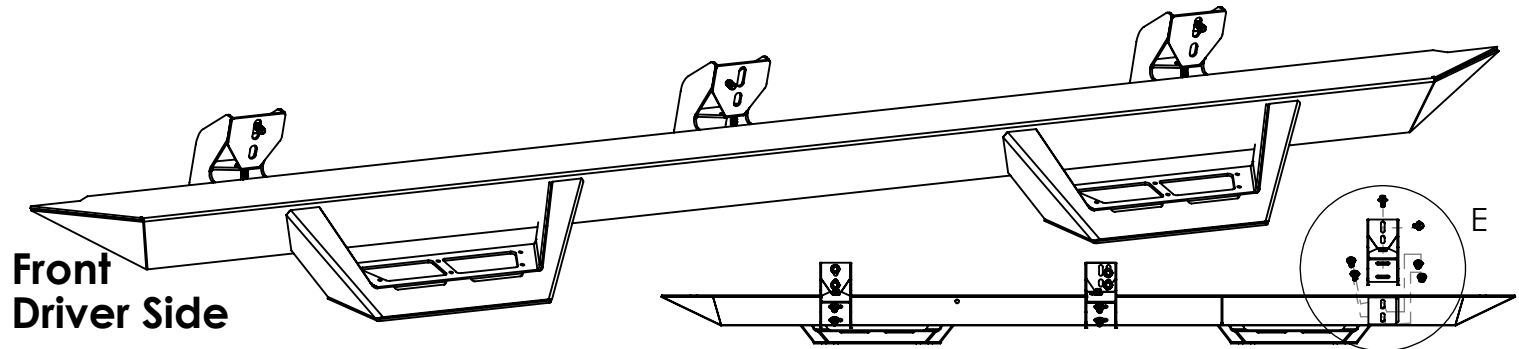
- (1) 2 – Heavy Duty RT Steps
- (2) 6 –Mounting Brackets RTSPN010

**LOOSE FIT ALL COMPONENTS.  
DO NOT TIGHTEN UNTIL ALL  
COMPONENTS ARE INSTALLED  
AND ADJUSTED.**

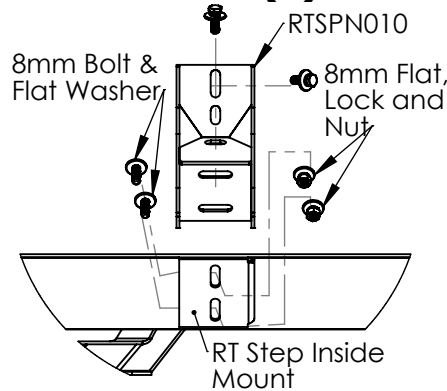
**DISCLAIMER: USE ONLY  
COMPONENTS AND HARDWARE  
SUPPLIED BY ICI.  
NO SUBSTITUTIONS.**

### Step by Step Installation Instructions

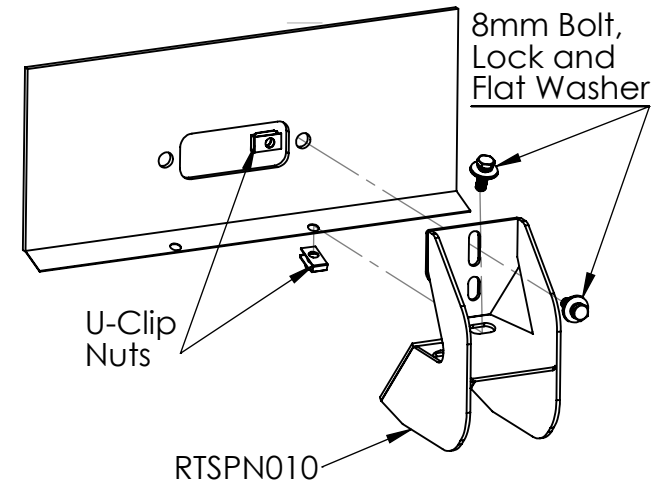
- STEP 1:** Read and understand instructions completely before beginning installation.
- STEP 2:** Remove all old steps and hardware from truck.
- STEP 3:** Locate the driver's side step. ( Center of front step is 23" to front of bar.)
- STEP 4:** Insert the supplied U-Clip nuts into the holes on the inside of the rocker panel and pinch weld (holes may be covered by tape). Refer to hole location on page 2 and "Inside Rocker Panel" figure.
- STEP 5:** Loose fit front, middle and rear brackets to rocker panel using supplied 8mm bolt, lock washer and flat washer.
- STEP 6:** Once brackets are loose fit, mount bar to brackets using supplied 8mm bolts, flat washers, lock washers and nuts and finger tighten. Refer to "Bar mount" figure.
- STEP 7:** Once step is loose fit, tighten brackets to inside rocker to 30 ft/lbs. Next, adjust bar up/down and front/back then tighten step to brackets at 30 ft/lbs. Repeat for passenger side.



### Bar Mount (E)



### Inside Rocker Panel



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## RTS81FD Installation Instructions

### **Outside RT Step Bracket, Inside Rocker Locations for Ford Raptor/F150.**

From underneath the vehicle looking up at the pinch weld area of the inside rocker panel there are 6 vertical holes along the length of the cab. The outside brackets for the RT step mount into the 1st, 3rd and 6th holes. In those locations, the outside bracket will line up with horizontal holes on the inside rocker mount.

#### **Underside holes in rocker panel**

