

## READ BEFORE INSTALLATION

The use of any Rennline product is the sole responsibility of the end user. Rennline Inc. accepts no responsibility for warranty voids or damage resulting from the use of these products. Due to the varying location of wiring harnesses and other components, carefully inspect any area prior to drilling. All Rennline products are intended for off road use and should be installed by a qualified automotive technician.

### Step 1

Thread two nuts onto stud as shown below:



### Step 2

Using two wrenches, tighten nuts against each other to keep them from spinning



### Step 3

Thread the short end of the stud into the hub and tighten by hand as far as possible. Then, using a torque wrench, tighten to 30ft/lbs



\*\*If desired you may apply **Loctite 272** to the threads prior to installing studs in hub. \*Any lesser Loctite **will** melt and can act as a lubricant and could cause loss of torque.

### Step 4

After the stud is torqued into the hub, use your two wrenches to loosen the nuts by holding the outer nut stationary and tightening the inner nut. This will ensure you do not loosen the stud from the hub.



### Step 5

Install wheel and torque lug nuts to 96ft/lbs

### Step 6

**RETORQUE WHEELS AFTER 50 MILES TO ENSURE SETTINGS**

Notes: The following guidelines must be followed or to avoid the a risk of wheel stud failure.

- It is **EXTREMELY** important that the correct seat nuts are used with your wheels. If there is any doubt, contact the wheel manufacture to determine which seats your wheels have.
- Lug studs should be torqued to 30ft/lbs, nuts should be torqued to 96ft/lbs at all times. If lug nuts or lug studs are improperly torqued, there will be cyclic loading on the stud which will cause fatigue and potential failure.
- Never torque lug studs while hot
- Wheels studs used in competition are considered wear items and should be replaced on the following intervals
  - Street/DE car with less than 10 events a year – Replace every two years
  - Race Car with or DE car with over 10 events a year – Replace every year
  - Pro level racing – twice a year
- Inspect studs and nuts before every session, and replace if necessary