

## NOTICE

These instructions for installing Black Molded Nylon 22.5" Plastic fenders & mounting kit supplied by Fleet Engineers® are intended to be a general guide to help the installer. Because of the large number of possible mounting configurations, the installer is responsible for the installation design and for providing adequate clearance around the tire carrier (i.e. tire clearance, trailer clearance, etc.). These products may not fit all truck models or types of suspensions. Check truck or trailer manufacturer for suspension travel specifications. Modifications to the brackets and/or the fenders may be required. Any modifications are at the discretion, responsibility and risk of the installer.

## Installation

**Step 1—** Position fender over tires. Use a 2"x4" block or other suitable spacer to achieve desired clearance around tires. S.A.E. recommendation is 3" minimum (below the ribs). **NOTE:** If you have an air suspension make sure there is tire clearance when the suspension is deflated.

**Step 2—** Assemble the mounting supports by inserting the threaded T-nuts into the clamps from the inside and pushing them into place. Pre-thread the 3/8-16 set screw to hold the T-nut in place, but not tighten.

**Step 3—** Slide the mounting tube on the mounting supports so they line up with the support strap that fits between ribs 4 and 5 counting in from the outside edge of the fender (approx. 4-7/8" in from the outside edge).

**Step 4—** Spot the mounting bolt holes through the mount supports and drill 13/32" Ø diameter holes through the fender. **NOTE:** Be sure to follow vehicle manufacturers recommended procedures for drilling any required holes in the frame.

**Step 5—** Insert the mounting tubes through the tube mounts, and position the tube mounts approximately 12-18" from the fender end. Move the fender into the desired position, adjusting spacers to hold the fender in place.

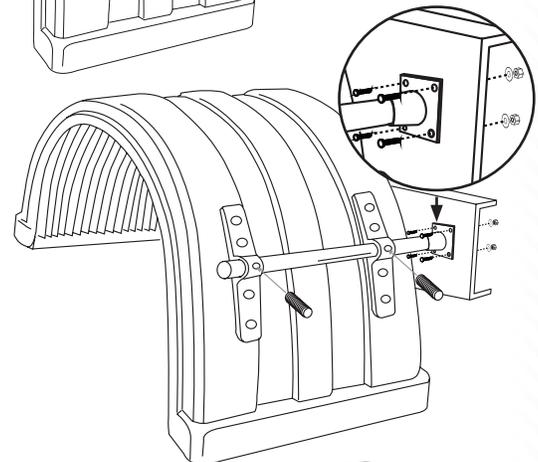
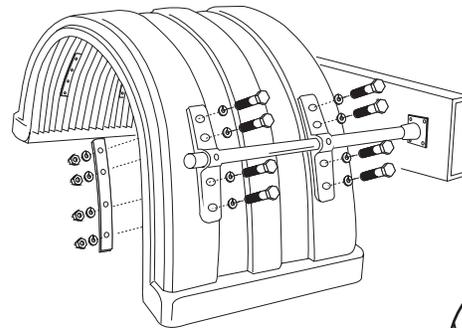
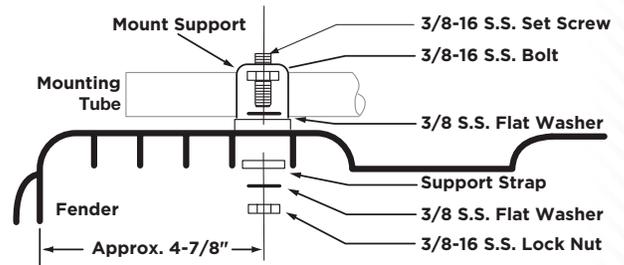
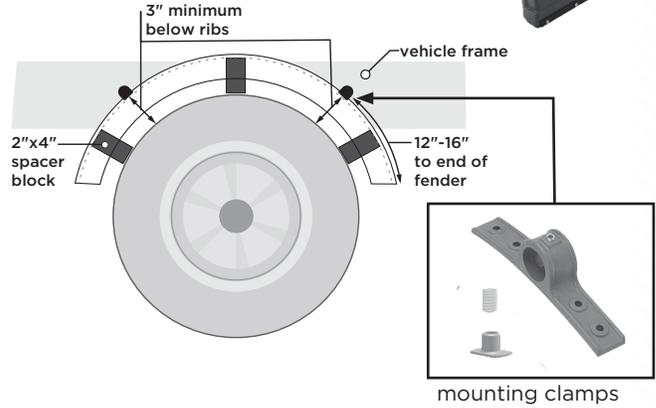
**Step 6—** Align the fender on the vehicle frame, keeping them as square to the fender and truck frame as possible. Ensuring the assembled fender is positioned with a recommend 3" minimum (below the ribs).

**Step 7—** Mount the fender mounting tube with 3/8" Ø bolts in each of the holes on the mounting rod base.

**Step 8—** Tighten all nuts, bolts and set screws for the mount supports, mounting tube to the proper torque in the chart below.

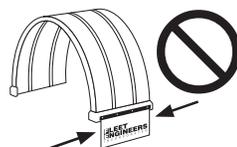
### TORQUE CHART

Grade 8	3/8-16	50 ft-lbs	5/8-11	245 ft-lbs	3/4-10	425 ft-lbs
Grade 5	3/8-16	38 ft-lbs	5/8-11	175 ft-lbs	3/4-10	300 ft-lbs



## NOTICE

Flap weights **ARE NOT** recommended and may void the fender warranty.



Painting Spray Master® fenders **IS NOT** recommended and may void the warranty. If painting is desired, a flex agent **MUST** be added to the paint!

