

FLEET ENGINEERS INCORPORATED

Tandem Fender & Bracket Installation Instructions

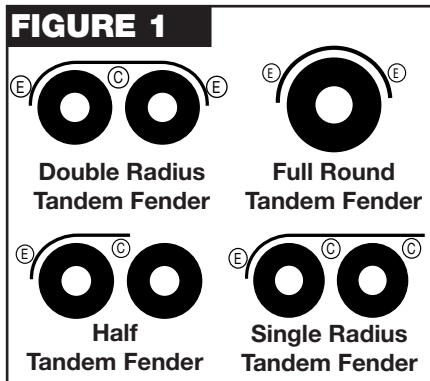
Installation Sheet #INS-98009

1. Determine proper fender position for your application.

Position fender over tire(s). Use a 2"x4" block or other suitable spacer to achieve desired clearance around tires. For optimum performance, the fender should be 3" to 6" from tire. (S.A.E. recommendation is 3" minimum) *Note: If you have an air suspension, make sure there is tire clearance when the suspension is deflated.*

Figure 1 shows general locations of mounts on various tandem fenders (E=end mount, C=center mount). Place bracket against fender and frame, mark the location of the mounting holes on the frame.

The mounting support brackets and tandem fenders are purposely not pre-drilled because of the many vehicle variations and side frame clearance problems. Drilling to suit offers added flexibility for mounting without defacing the fender with unnecessary holes.

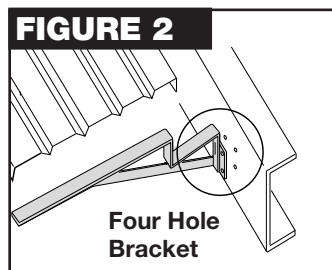


2. Attach Mounting Brackets

Use appropriate instructions

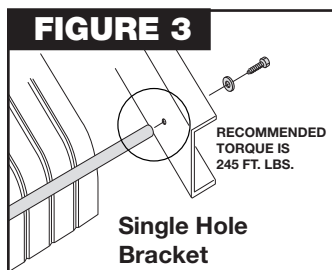
A. 4 Hole Bracket (FIG. 2)

Drill four 7/16" holes on marks and fasten mounting bracket to frame. Hardware needed: Four 3/8"-hex bolts and four 3/8"-16 nuts per mount (not supplied).



B. Single Hole Bracket (FIG. 3)

Drill 11/16" dia. hole on mark and fasten mounting bracket to frame using one 5/8" - 11 x 1-3/4" grade 8 NY-lock bolt and one 5/8" split lock washer, supplied

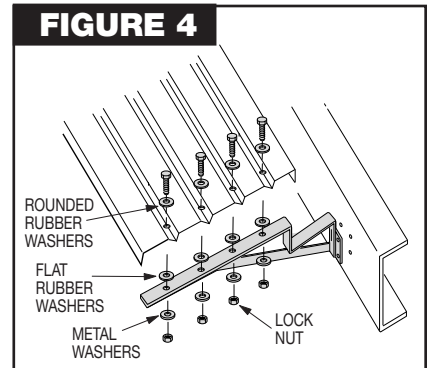


Be sure to follow truck manufacturers recommended procedures for drilling any required holes in the frame.

3. Next, position tandem fender on mount support brackets and attach according to mount type listed below. *NOTE: Rubber washers MUST be assembled next to the tandem fender as shown*

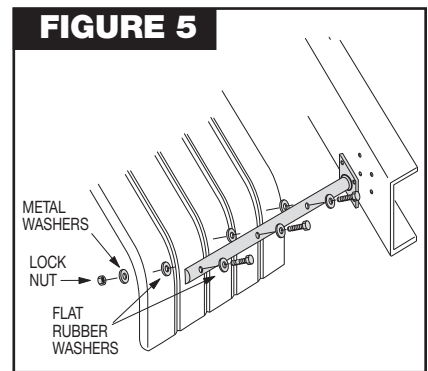
A. STANDARD CENTER MOUNT ASSEMBLY (FIG. 4)

Drill four 3/8" holes through lower ribs of fender and through mounting support bracket. Fasten fender to mount as shown. Hardware supplied: Four 5/16"-18 x 1" bolts, four 5/16"-18 lock nuts, four 5/16" metal washers and eight rubber washers.



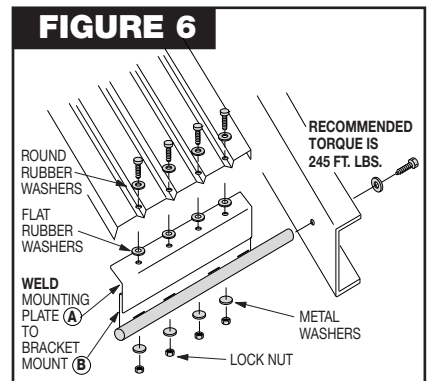
B. END MOUNT ASSEMBLY (FIG. 5)

Drill three 3/8" holes through flat ribs of fender and through mounting support bracket. Fasten fender to mount as shown. Hardware supplied: Three 5/16"-18 x 2-1/2" bolts, three 5/16"-18 lock nuts, three 5/16" metal washers and six rubber washers.



C. POST STYLE CENTER MOUNT ASSEMBLY (FIG. 6)

Drill four 3/8" holes through lower ribs of fender and through mounting plate. Adjust to desired position and weld plate to bracket mount as shown. Hardware supplied: Four 5/16"-18 x 1" bolts, four 5/16"-18 lock nuts, four 5/16" metal washers and eight rubber washers.



D. POST STYLE END MOUNT ASSEMBLY (FIG. 7)

Drill three 3/8" holes through flat ribs of fender and through mounting support bracket. Fasten fender to mount as shown. Hardware supplied: Three 5/16"-18 x 2-1/2" bolts, three 5/16"-18 lock nuts, three 5/16" metal washers and six rubber washers.

