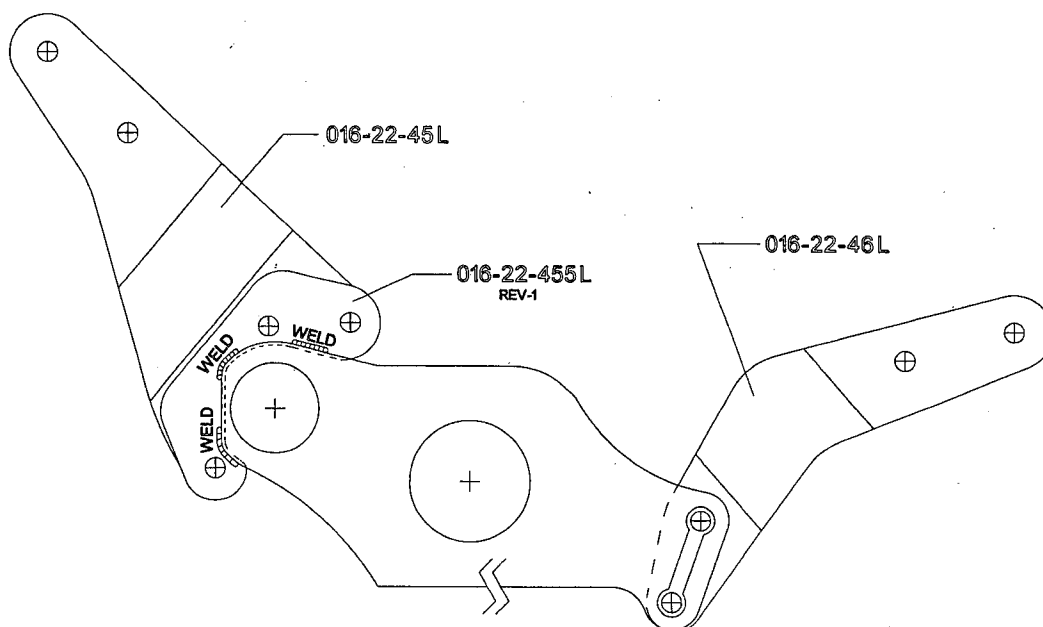


## 45 / 46 / 455

### INSTALLATION INSTRUCTIONS PEDERSON LIFT AXLE FENDER BRACKET KIT with MERITOR FWD CAM on HENDRICKSON "ST" SUSPENSION / AXLE (Kit #: 016-20-845)

1. Remove brake drums and brake shoes (do not remove hub assembly).
2. Position the 016-22-455L on left hand spider and 016-22-455R on right hand spider as per drawing. The 455L & R have a machined step to fit onto the spider. Three ¼" welds x ¾" to 1" long are required as per drawing (on the outboard side) using E7018 electrode or E70XX flux core wire. The camshaft washer can be rotated for ease of welding, then rotated back to original position.
3. Install the 016-22-45L on left hand (drivers) side and the 016-22-45R on the right hand (passenger) side with 1/2-13 X 1 ¼ GR8 hex head cap screws and SAE washers.
4. Remove the anchor pin bolts on the left and right rear sides of the spider and install the 46L on the left hand side and the 46R on the right hand side with 5/8-11 X 5 ½" long GR 8 hex head cap screws. Torque 5/8" bolts to 210 - 225 FT LBS.
5. Install brake shoes and drums.
6. Install tires & wheels.
7. Cut 12-1/2" leg to 10" (out to out) on all four aluminum arms (for 12" wide fenders).
8. Hold arms in place with 10" leg over tire 1-1 ½" from tire tread to inside of arm. Trim other leg to fit onto bracket (on inside, between bracket and truck frame).
9. Clamp in place with vise grip. (Make sure inside of arms point directly to center of spindle.) Mark & drill 1/2" holes in aluminum arms. Bolt aluminum arms to steel mounting brackets using 1/2" bolts with self-locking nuts.
10. Install the aluminum fender on top of the aluminum arms. It should be approximately the same distance from the end of the fender to the 2" arm on both ends of the fender. Make sure the edge of the fender is parallel to the side of the tire. Drill two each 3/8" diameter holes on 6" centers (approximately 3" left & right, center of fender) to bolt the fender to the arm. Use 3/8" SS Truss head bolts with self-locking nuts.



LEFT HAND (DRIVERS) SIDE DRAWN WITHOUT  
WHEEL, TIRE, HUB, DRUM AND BRAKE SHOES