

Keep Them Wheels Turnin'

THIS FIXTURE IS JUST WHAT THE DOCTOR ORDERED!



YOU BETCHA. SINCE WE GOT THE PLANS FROM PS, MOUNTING TIRES HAS BEEN A BREEZE.

Dear Sergeant Blade,

Our mechanics had a tough time assembling tires on rims for our Black Hawks using the suggested line-up bolts in Paragraph 3-4-13 of TM 1-1520-237-23 to help draw the wheel halves together.

The problem is that the line-up bolts are not long enough and we can't screw the nuts onto the other bolts to tighten the wheel halves together, especially when assembling new tires.

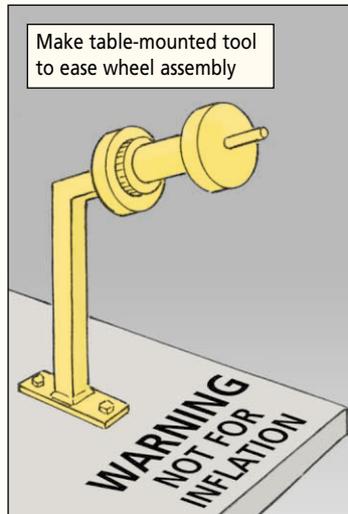
Also, because of the position of the bolt pattern, the halves do not rest evenly when bolted together on the floor. That can cause leaks through the packing once the tire is fully assembled.

We've come up with a table-mounted fixture that lets you assemble the wheel without using line-up bolts to draw the wheel halves together.

Your AVIM shop can make the tire fixture. Then you can attach it to a table.

Follow the TM procedures as usual, except use the fixture instead of bolts to draw the wheel halves together like it shows on the next page.

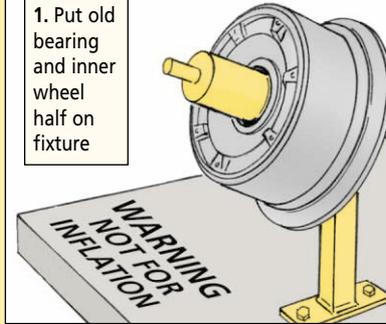
Sgt Andres Chamorro, Jr
MAARNG



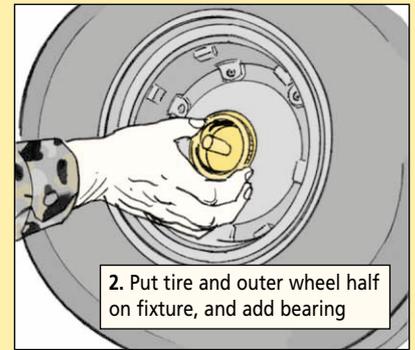
Make table-mounted tool to ease wheel assembly

PS 616

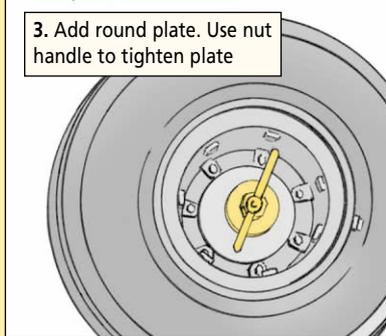
1. Put old bearing and inner wheel half on fixture



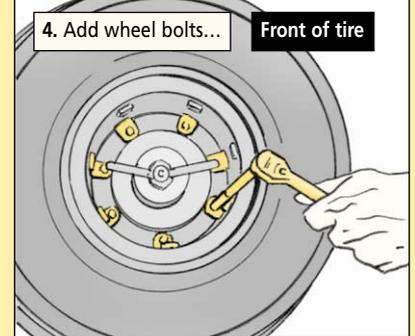
2. Put tire and outer wheel half on fixture, and add bearing



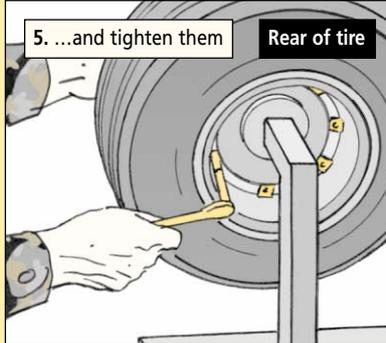
3. Add round plate. Use nut handle to tighten plate



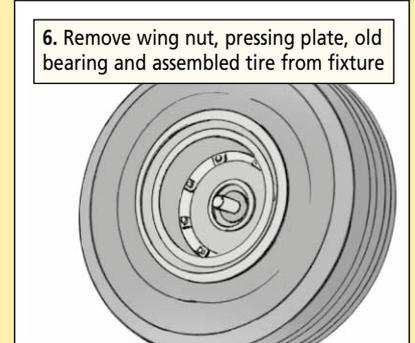
4. Add wheel bolts... Front of tire



5. ...and tighten them Rear of tire



6. Remove wing nut, pressing plate, old bearing and assembled tire from fixture



SERGEANT CHAMORRO, THAT'S A SMART IDEA!

UNITS, IF YOU WANT TO HAVE THE FIXTURE MADE, EMAIL OR WRITE PS AND WE'LL SEND YOU A COPY OF THE PLANS.

