



TECHNICAL SERVICE BULLETIN 98800-010

DATE: 01/01/98 (Rev. A)

TITLE:

WASHER, REAR WHEEL BEARING SUPPORT

APPLICABLE MACHINES:

800,810

SYNOPSIS:

The flat washer in the wheel pivot assembly may become cupped if the pivot is loose.

1. Test the rear pivot, jack up the machine so the rear wheel is off the ground. Support the machine with jack stands under each corner. Rock the wheel back and forth. If the bearing pivot is loose, the flat washer needs to be replaced. Install kit p/n 21258.

REFER TO FIGURE 1 ON PAGE 2 TO PERFORM THE FOLLOWING STEPS

2. With the machine still raised, remove the tire and wheel, lock ring retainer (D), and plate (A). Open tabs on star washer and remove nut (C), star washer (B) and flat washer (G).

3. Replace the old washer (41081) with the new hardened washer (79514). Note the new washer is slightly thinner, .157" vs .188". Lubricate the face of the washer so the locking nut can turn freely. Reassemble flat washer and existing nut only. Torque the old nut to **180 ft. lb. or as tight as possible**. Rotate casting back and forth and re-torque. Repeat procedure until nut has taken all slack out of bearings. Support rear casting and remove retaining nut. Lubricate the special star washer (41074) and **install a new nut** (41073) and washer. Torque nut to **90- 100 ft/lbs.** making sure locking tab in shaft on the star washer does not get damaged. Tighten nut another 1/8th turn or until the tab on the star washer locks the nut into place.

4. Reassemble plate and lock ring retainer. Tighten bolts on lock ring retainer in a criss cross star method in three stages: first to 10 ft/lbs, second to 20 ft/lbs, and finally to 30ft/lbs.

5. Replace wheel and torque wheel nuts 2 times through in a star pattern to 90 - 105 ft/lbs for 1/2" nuts and 120-130 ft/lbs. for 9/16" nuts.

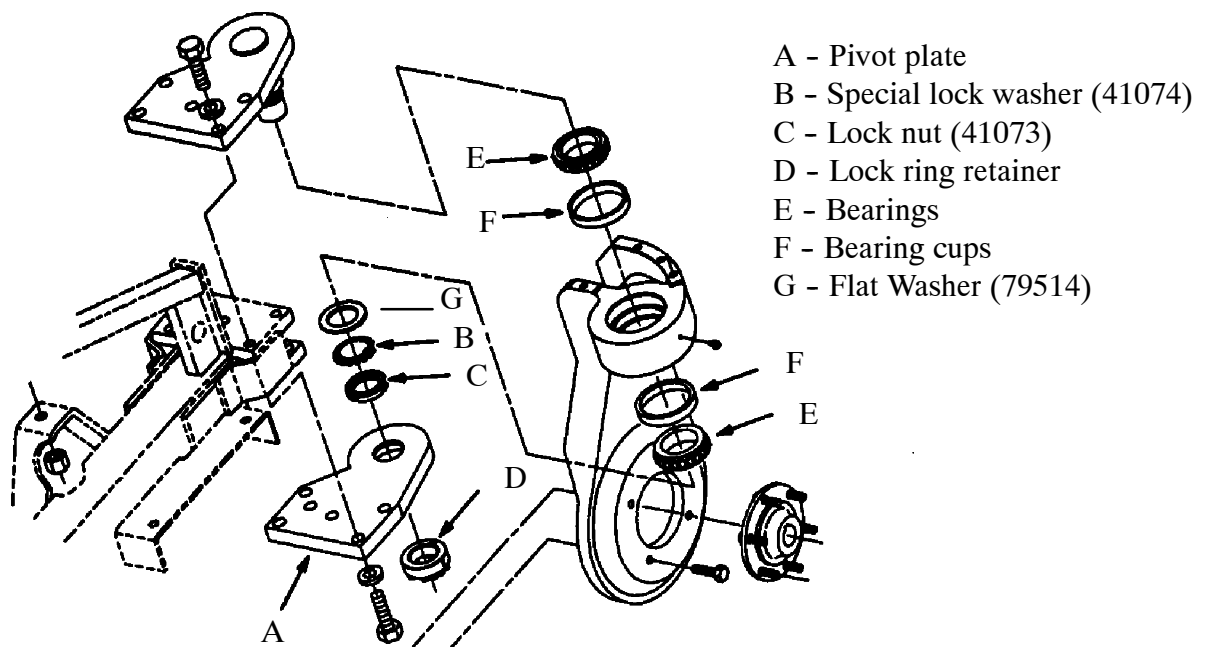


FIG. 1