Complaint or Symptom:
Tractor has very low hours but front axle spindles and bushings show signs of excessive wear.

Situation:
Some spindle and bushing wear is normal. Spindles that have deep grooves cut into them and appear to have worn away while the bushings seem to remain intact did not get proper lubrication and maintenance.

Solution:
NOTE: John Deere Warranty states: Items damaged by normal wear, LACK OF REASONABLE AND PROPER MAINTENANCE, a failure to follow operating instructions, misuse, or lack of proper protection during storage are NOT covered.

Replace worn front axle and bushings as necessary. Instruct the customer on proper lubrication and maintenance required. Grease should be seen at both sides of the rim when lubricating the wheel assembly. If not, determine what is restricting the grease.

An optional customer paid upgrade to wheel bearing (AM118315) is available.

Installation of Wheel Bearing (AM118315):
1. Remove wheel from spindle.
2. Replace front axle, if signs of wear are evident.
3. Remove bushing (A) from wheel.
4. Remove any grease from inside of wheel hub.
5. Install (2) Bearings (AM118315) into each wheel hub.

*NOTE: If bearing fits loosely into hub, tighten fit by lightly staking hub in three places around the hub diameter (C).*

*NOTE: Additional washers may be present on spindle to reduce side-to-side wheel movement. Make sure all washers are in place before installing wheel.*

6. Install wheel. Be sure small washer (D) remains in place between the inside hub and dust cover (E) located on the spindle.

7. Secure wheel in place with large washer (F) and e-clip (G).

8. Fill in area between sealed bearings with grease using zerk located on hub. Filling in the area between the bearings reduces the chance of moisture penetrating the sealed bearings. The grease may also keep debris, such as sand, from wearing out the spindle.

**Parts:**
Bearing (4) AM118315 Sealed