

August 2003

TOPIC: WHEEL MOTOR MOUNTING

MODELS

AFFECTED: 1000ZKAV21/48 - S/N: 1311-1500
1000ZKAV23/52 - S/N: 921-1045
1000ZKAV23/61 - S/N: 691-865
IS1000ZKAV21/48 - S/N: 411-1095
IS1000ZKAV23/52 - S/N: 556-1400

Ferris Industries has identified a problem with the mounting of the hydraulic wheel motors to the frame. The mounting hardware can become loose, potentially causing damage to the hardware and frame.

There are two different kits available to rectify the problem. To determine which kit is used, a thorough inspection of the wheel motor mounting holes must be performed.

For new machines being set-up, skip inspection and install wheel motor hardware kit (49090).

Inspection Instructions:

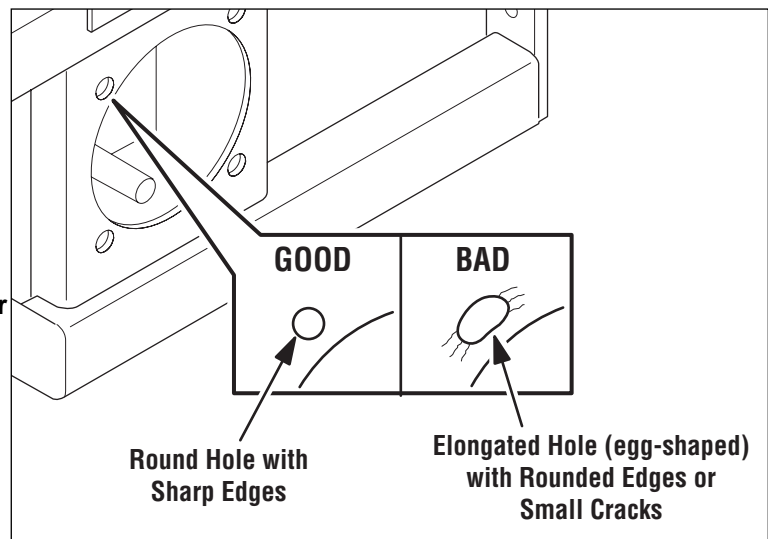
1. Park the machine on a flat, level surface and block the front wheels. DO NOT apply the parking brake.
2. Raise the rear of the machine and support with jackstands or blocks.
3. Remove the rear drive tire.
4. Remove the cotter pin, 1" nut and brake hub from the wheel motor shaft. (A slide hammer or hub puller will be required to pull the hub off of the shaft.)
5. Remove the set collar securing the brake link to the brake rod.
6. Remove the 1/2" bolts securing the wheel motor and brake band shaft to the frame.
7. Remove the wheel motor and brake band shaft from the frame. Do not disconnect the hoses from the wheel motors.

8. Inspect the mounting holes on both the outside and inside of the frame. Pay particular attention to the shape of the holes and the edges.

- If the holes are round with sharp edges, install Wheel Motor Hardware Kit (49090).
- If the holes are deformed with rounded edges or small cracks, install Wheel Motor Support Kit (49091).

The kits are available from your normal parts source.

NOTE: This is a MANDATORY FIX. Do not wait until the customer reports a problem.



One and one-quarter (1.25) hours labor will be paid for the hardware kit.
Two (2.00) hours labor will be paid for the support kit