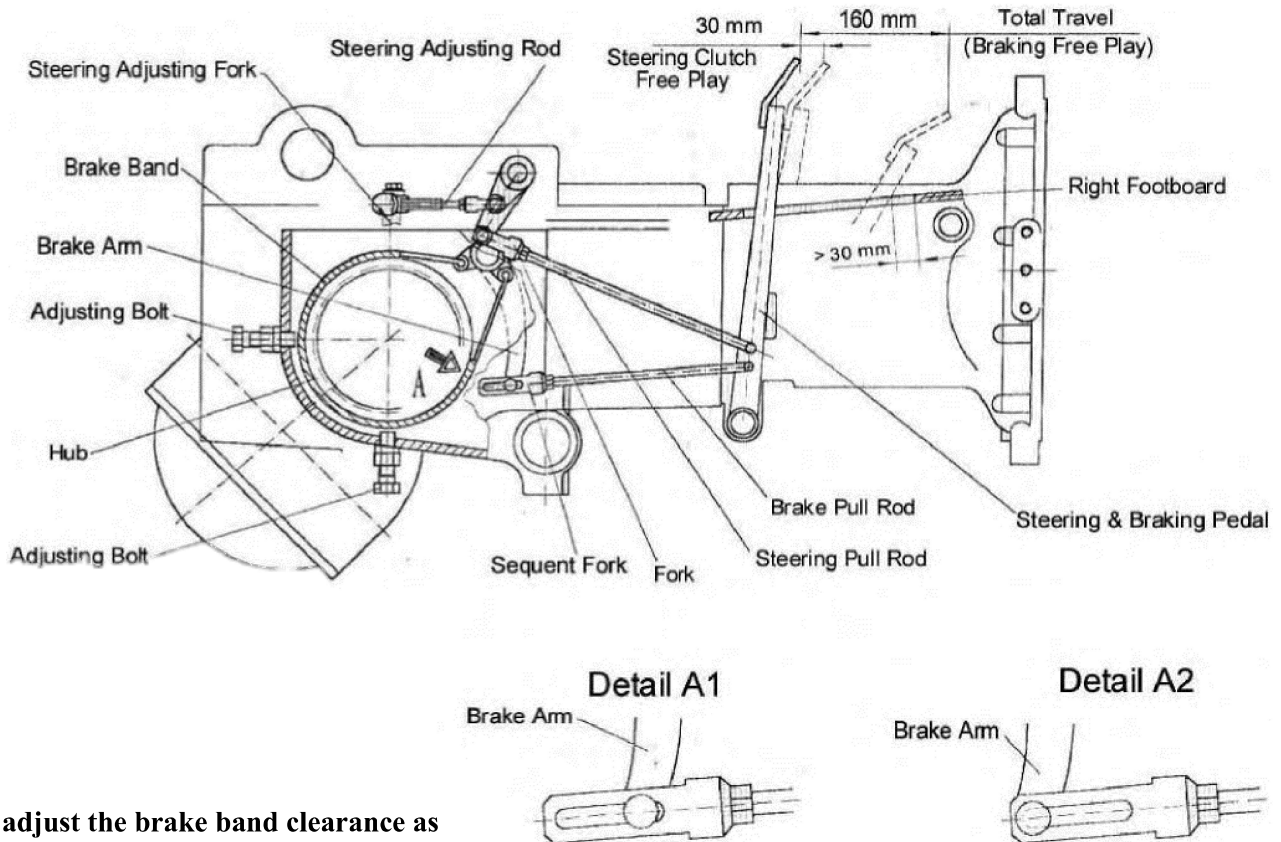


Service

4.4.3 Brake and Steering Clutch Mechanism

The steering pedals are integrated with the brake pedals. Control of the brakes are operated sequentially with steering clutches and controlled with the same pedals. **Adjustment instructions refer to the diagram below.**



First, adjust the brake band clearance as follows:

- 1) Loosen the jam-nuts and turn the two adjusting bolts inward until snug; then back-out 1 turn.
 - a) This will set the clearance between the brake band and the hub to approx. 1.2 to 1.5 mm.
- 2) Lock the two bolts in position with their respective jam-nuts.
- 3) Turn the sequent fork to extend the brake pull rod until the pin on the end of the brake arm is positioned to the front of the slot. **See Detail A1 in the illustration.**

Next, adjust the steering linkages following these steps:

- 4) Loosen the steering linkage jam-nuts and turn the forks to adjust the length of the steering adjustment rod and steering pull rod to set steering free play to 1-1/4" (30mm) as shown at the top-right corner of the illustration.

Finish the process by setting brake linkages to obtain correct Bottom-Free-play :

- 5) Turn the sequent fork to shorten or extend the brake pull rod to adjust the braking bottom-free-play to 1-1/4" (30mm) as shown in the illustration's, top right corner.
- 6) Depress the brake and steering pedal completely. The clearance between the pedal arms and the slots in the dozer floorboard (right and left pedals) should exceed 1-1/4" (30 mm). Also, the pin on the end of the brake arm should