

Figure 2-79. Steering Head Bearing Adjustment

- e. Tighten the fork stem hex nut to 50-65 ft-lbs (68-88 Nm). The tightness of the hex nut will affect the swing pattern.
  - f. Tighten pinch bolts to 40 ft-lbs (54 Nm) and properly position the rubber fork stops.
  - g. On FLHT/C/U models, loosely install radio (storage box on FLHT) and outer fairing. On FLHR/C, loosely install headlamp nacelle.
  - h. Recheck the swing pattern.
11. Repeat steps 8-10 until swing pattern is correct.
  12. On FLHT/C/U models, remove outer fairing and radio (storage box on FLHT). On FLHR/C, remove headlamp nacelle.
  13. Verify that the fork stem hex nut is tightened to 50-65 ft-lbs (68-88 Nm). Bend lock tab on lockplate against flat of fork stem nut.
  14. On FLHT/C/U models, install radio (storage box on FLHT) and outer fairing. On FLHR/C, install headlamp nacelle.

## REMOVAL

1. On FLHT/C/U models, remove passing lamp bracket, outer fairing and radio (storage box on FLHT). On FLHR/C, remove headlamp nacelle.
2. Remove the front wheel, fork sides and air suspension components. Remove brake line from lower fork bracket.
3. Bend tab away from flat of fork stem nut. Remove the nut.
4. See Figure 2-80. Remove the bearing adjuster and fork stem assembly. See Figure 2-76. Remove dust shield and bearing (20) from top of steering head.

## CLEANING AND INSPECTION

1. Check the bearing races (22) in the steering head. If pitted or grooved, replace both the bearings and races.
2. Turn bearings in races. Replace the bearings if they do not move freely and smoothly. Always replace both races and bearings even if one race and bearing appears good.

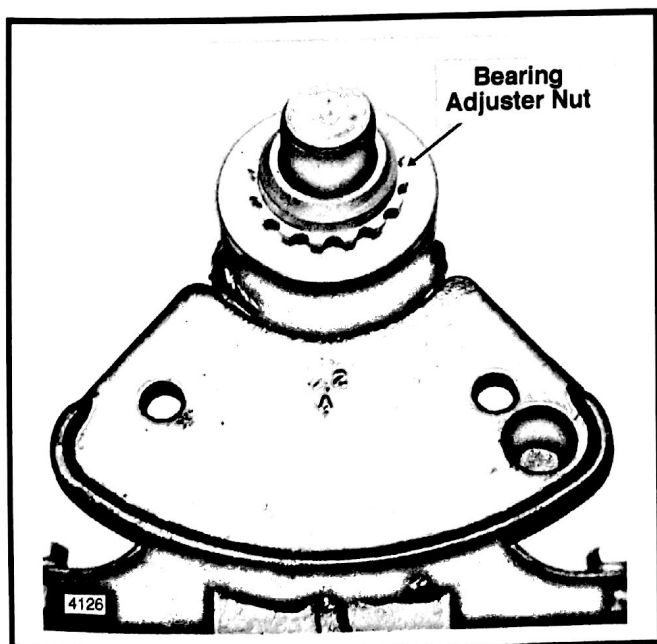


Figure 2-80. Upper Fork Bracket

## Remove Bearing Races

See STEERING HEAD BEARING RACE REMOVAL on the next page.

## Removing Bearing From Fork Stem

1. Chisel cage retaining rollers off bearing on fork stem.
2. Turn the stem (21) upside down while heating the inner race. Race will expand and fall free.

## ASSEMBLY (Figure 2-76)

1. Pack new bearings with Harley-Davidson SPECIAL PURPOSE GREASE, Part No. 99857-97.
2. Install dust shield (20) on fork stem (21). Use a sleeve that will contact only the inner race of the new bearing, then press the bearing into place on fork stem (21).