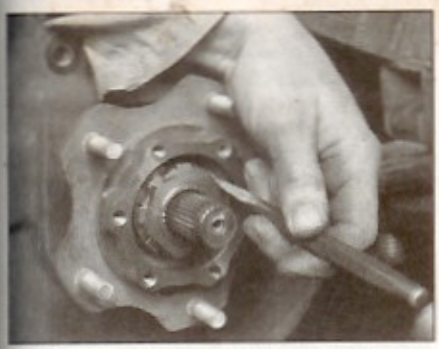
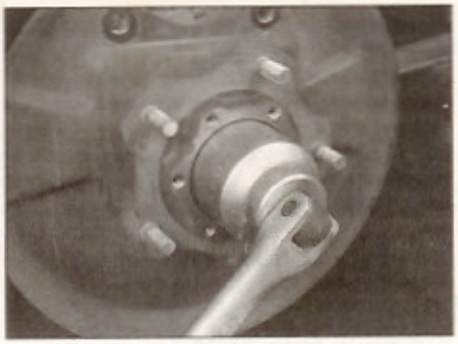


22.7a With a hammer and chisel, bend back the locking tabs



22.7b Loosen the front wheel bearing locknut with a large socket



22.8 Remove the wheel bearing locknut, lock washer, wheelbearing nut and spacer

3 Grasp the top of each tire with one hand and the bottom with the other. Move the wheel in-and-out on the spindle. If there's any noticeable movement, the bearings should be checked and then repacked with grease or replaced if necessary.

4 Remove the wheel.

5 Remove the brake caliper and disc (see Chapter 9). Hang the caliper out of the way with a piece of wire

6 Remove the freewheeling hub assembly (see Section 21).

### Samurai

7 Straighten the bent ends of the lock washer, then remove the wheel bearing locknut **(see illustrations)**.

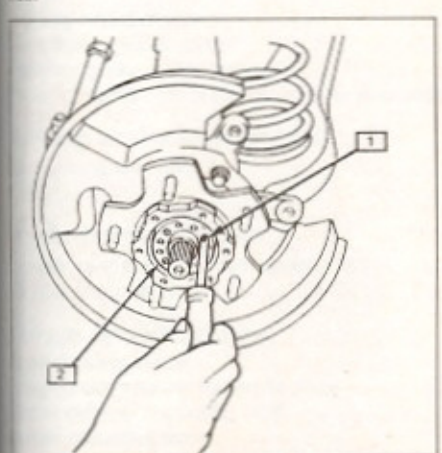
8 Remove the wheel bearing nut and spacer from the end of the spindle **(see illustration)**.

9 Pull the hub assembly out slightly, then push it back into its original position. This should force the outer bearing off the spindle enough so it can be removed.

10 Pull the hub off the spindle.

11 Use a screwdriver to pry the seal out of the rear of the hub **(see illustration)**. As this is done, note how the seal is installed.

12 Remove the inner wheel bearing from the hub.




22.13 Remove the four screws to detach the front wheel bearing lock plate (Sidekick/Tracker)

*1 Screw 2 Bearing lock plate*

### Sidekick/Tracker

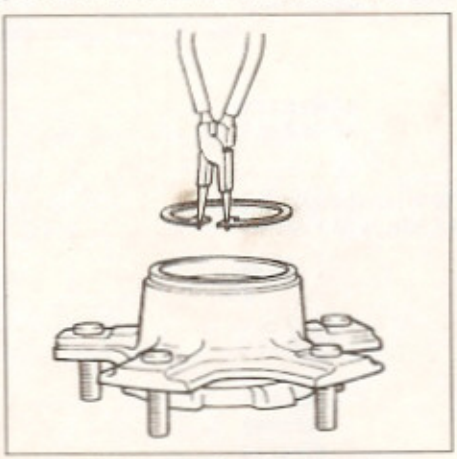
13 Remove the front wheel bearing lock plate by removing the four screws **(see illustration)**.

14 Remove the front wheel bearing locknut and thrust washer.

15 Remove the hub assembly from the spindle.

16 Use a screwdriver to pry out the inner wheel bearing seal.

17 Using a pair of snap-ring pliers, remove the wheel bearing snap-ring followed by the bearing assembly **(see illustration)**. It may be necessary to have the bearing assembly pressed from the hub.



22.17 Remove the wheel bearing snap-ring

## *Repack and adjustment*

### Samurai

18 Use solvent to remove all traces of the old grease from the bearings, hub and spindle. A small brush may prove helpful; however make sure no bristles from the brush break off inside the bearing. Allow the parts to air dry.

19 Carefully inspect the bearings for cracks, heat discoloration, worn rollers, etc. Check the bearing races inside the hub for wear and damage. If the bearing races are defective, the hubs should be taken to a machine shop with the facilities to remove the old races and press new ones in. Note that the bearings and races come as matched sets and old bearings should never be installed on new races.

20 Use high-temperature front wheel bearing grease to pack the bearings. Work the grease completely into the bearings, forcing it between the rollers, cone and cage from the back side **(see illustration)**.

21 Apply a thin coat of grease to the spindle at the outer bearing seat, inner bearing seat, shoulder and seal seat.

22 Put a small quantity of grease inboard of each bearing race inside the hub. Using your finger, form a dam at these points to provide extra grease availability and to keep thinned grease from flowing out of the bearing.

23 Place the grease-packed inner bearing into the rear of the hub.

24 Place a new seal over the inner bearing



22.11 Use a screwdriver to pry the grease seal out of the hub



22.20 Work the grease into each bearing until it's full