

- a. Loosen the locknut (A, **Figure 36**) and turn the adjust bolt (B, **Figure 36**) in either direction to achieve the correct amount of free play.
- b. Tighten the locknut

### Rear Drum Brake Lever and Parking Brake Adjustment

The rear brake lever adjustments should be inspected at the interval indicated in **Table 1** and adjusted if necessary to maintain the proper amount of free play. Free play is the distance the lever travels when the lever is pulled lightly in toward the hand grip.

The brake lever should travel only about 3-7 mm (0.1-0.32 in.) to take up the slack in the brake cable.

#### NOTE

*Adjust the rear brake pedal free play prior to adjusting the rear drum brake lever.*

If adjustment is necessary, perform the following:

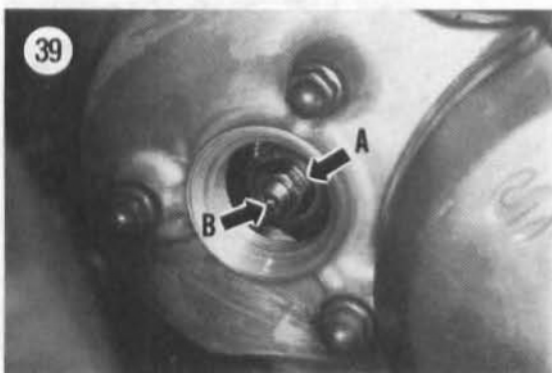
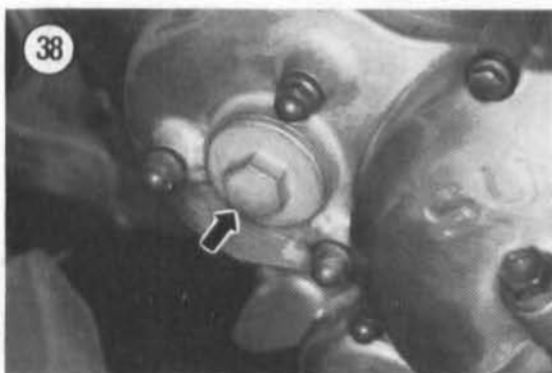
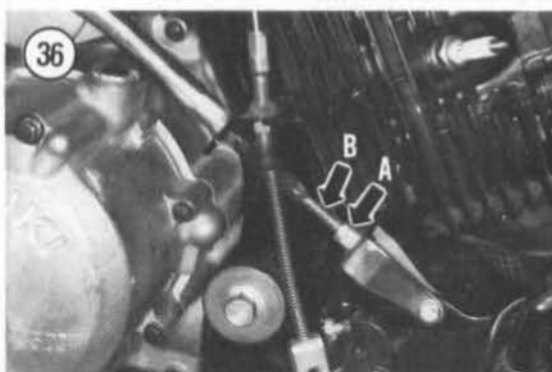
1. Loosen the locknut (A, **Figure 37**) and turn the adjuster nut (B, **Figure 37**) until the slack is taken up in the cable.
2. Hold onto the adjuster and tighten the locknut securely.

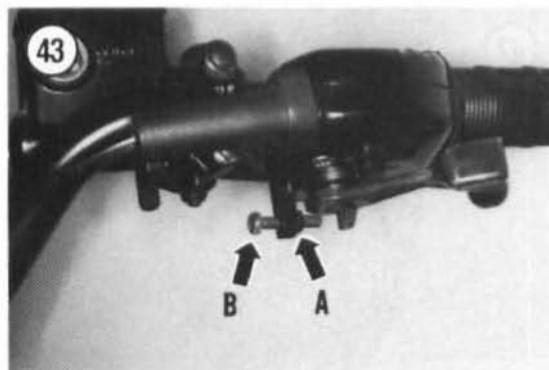
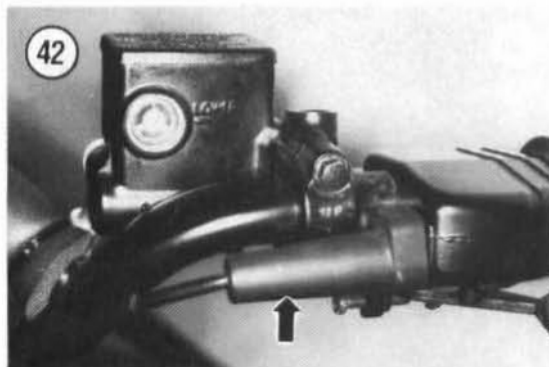
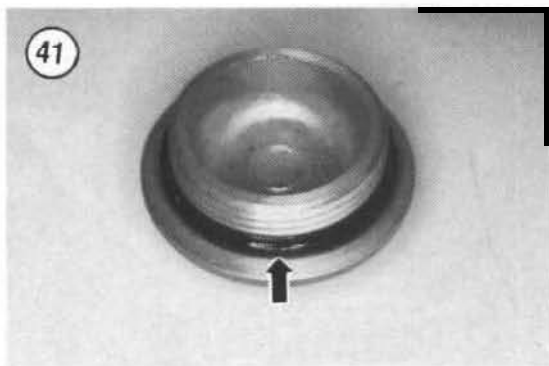
### Clutch Mechanism Adjustment

The clutch mechanism free play should be checked at the interval indicated in **Table 1**.

This adjustment pertains only to the manual clutch as the centrifugal clutch requires no adjustment. Since there is no clutch cable, the mechanism is the only component requiring adjustment. This adjustment takes up slack due to clutch component wear.

1. Place the ATV on level ground and set the parking brake.
2. Remove the right rear wheel as described under *Rear Wheel Removal/Installation* in Chapter Twelve.
3. Unscrew and remove the clutch adjuster cover (**Figure 38**).
4. Loose the locknut (A, **Figure 39**).
5. Loosen the release screw (B, **Figure 39**) , the tighten it until *slight* resistance is felt, then *stop*.
6. From this point, turn the release screw counter-clockwise 0-1/8 of a turn. Hold onto the release screw and tighten the locknut (**Figure 40**).





#### NOTE

*Make sure the release screw does not move when tightening the locknut or the adjustment will be incorrect.*

7. After adjustment is completed, check that the locknut is tight.
8. Install a new gasket on the clutch adjuster cover and install the cover. Tighten the cover bolts securely.
9. Inspect the O-ring seal (**Figure 41**) on the clutch adjuster cover for hardness or deterioration. Replace if necessary.
10. Install the clutch adjuster cover and tighten securely.
11. Install the right-hand rear wheel as described in Chapter Twelve.
12. Test ride the ATV and make sure the clutch is operating correctly. Readjust if necessary.

#### Throttle Lever Adjustment

The throttle cable free play should be checked at the interval indicated in **Table 1**. The throttle cable should have 0.5-1.0 mm (0.02-0.04 in.) of free play measured where the cable moves in and out of the adjuster.

1. At the throttle lever, slide the rubber boot (**Figure 42**) off of the adjuster on the throttle cable.
2. Loosen the locknut and turn the adjuster in or out to obtain the correct amount of cable free play. Hold the adjuster and tighten the locknut.
3. If the proper amount of free play cannot be achieved by using this adjustment procedure, the cable has stretched to the point that it needs to be replaced. Refer to Chapter Eight for this service procedure.
4. Slide the rubber boot back onto the adjuster.
5. Check the throttle cable from the right-hand grip to carburetor. Make sure it is not kinked or chafed. Replace as necessary.

#### Throttle Limiter Adjustment

The throttle limiter can be adjusted to restrict engine RPM according to rider's skill and experience.

To adjust the limiter, loosen the locknut (A, **Figure 43**) and turn the limiter screw (B, **Figure 43**) in or out to obtain the desired position. Turning the