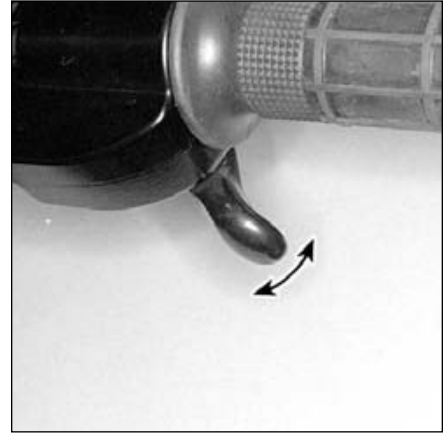




8.2 Remove the screws and take off the clutch release cover (4WD shown; 2WD similar)



8.3 Loosen the locknut, then hold it with a wrench while you turn the adjusting screw; on 4WD models, adjust the upper screw only



9.2 Measure throttle lever freeplay at the lever tip

8 Clutch - check and freeplay adjustment

Refer to illustrations 8.2 and 8.3

- 1 The clutch release mechanism on these models disengages the secondary clutch automatically when the shift lever is operated, so there is no clutch lever. If shifting gears becomes difficult, the clutch may be in need of adjustment.
- 2 Remove the clutch release cover on the right side of the engine (see illustration).
- 3 Hold the adjusting screw with a screwdriver and loosen the locknut (see illustration). **Note:** On 4WD models, adjust the upper screw only.
- 4 Carefully turn the adjusting screw clockwise with a screwdriver until you feel resistance, then turn it counterclockwise until you feel resistance again. Hold the screw in this position and tighten the locknut.

9 Throttle freeplay and speed limiter - check and adjustment

Throttle check

Refer to illustration 9.2

- 1 Make sure the throttle lever moves easily from fully closed to fully

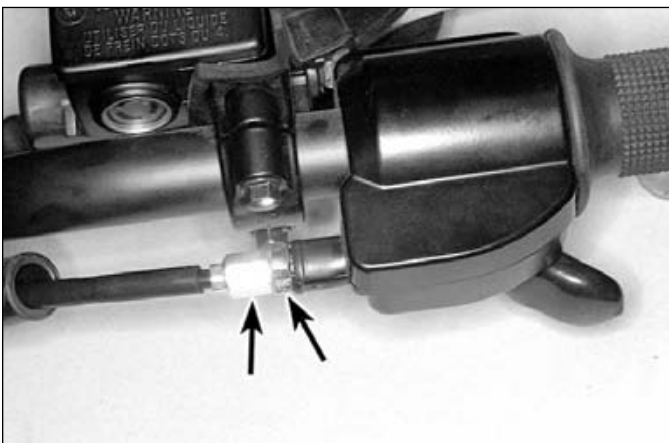
open with the front wheel turned at various angles. The grip should return automatically from fully open to fully closed when released. If the throttle sticks, check the throttle cable for cracks or kinks in the housings. Also, make sure the inner cable is clean and well-lubricated.

- 2 Check for a small amount of freeplay at the lever (see illustration). Compare the freeplay to the value listed in this Chapter's Specifications.

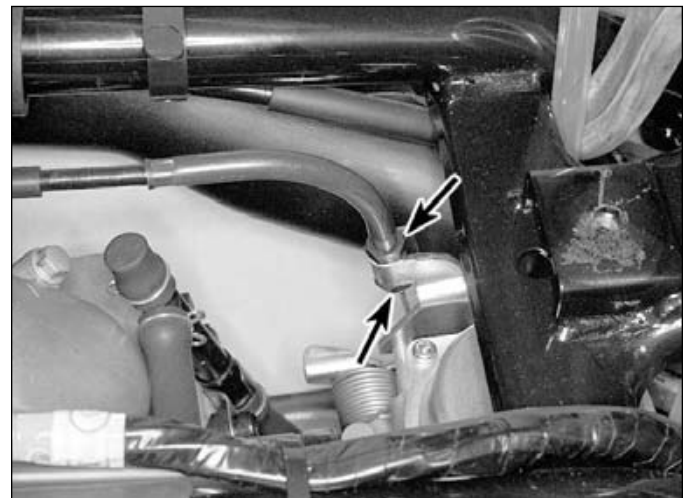
Throttle adjustment

Refer to illustrations 9.4 and 9.5

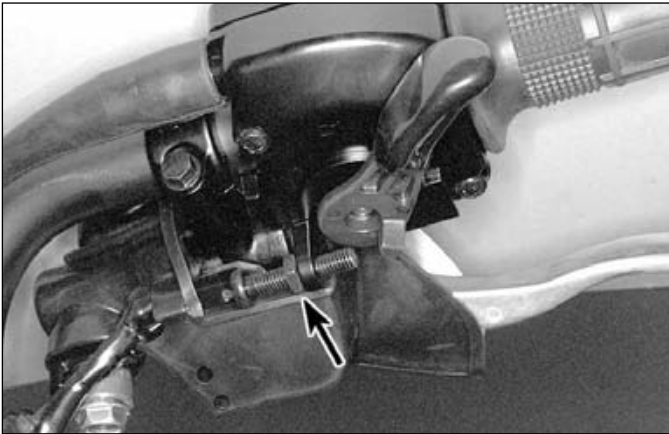
- 3 Before making adjustments, check and adjust idle speed (see Section 17).
- 4 Slide the rubber boot back from the adjuster at the throttle lever (see illustration). Loosen the locknut and turn the adjuster until the desired freeplay is obtained, then tighten the locknut.
- 5 If you can't obtain the correct freeplay at the throttle lever, adjust the cable at the carburetor end.
 - a) If you're working on a 220 model, pull back the rubber cap from the top of the carburetor (see illustration 8.2 in Chapter 3A). Loosen the locknut and turn the cable adjuster to set freeplay, then tighten the locknut and reposition the cap.
 - b) If you're working on a 300 model, loosen the cable locknuts (see illustration), reposition them on the cable to obtain the correct freeplay, then tighten the locknuts.



9.4 Loosen the locknut (right arrow) and turn the adjuster (left arrow) to adjust freeplay



9.5 Loosen the cable locknuts to reposition the cable (Bayou 300 models)



9.6 Loosen the locknut (arrow) and turn the adjusting screw to change the throttle limiter setting

Speed limiter adjustment

Refer to illustration 9.6

6 The speed limiter can be used to restrict maximum throttle opening (**see illustration**). Turning the screw in reduces the maximum throttle opening; turning it out allows maximum throttle opening.

7 To make adjustments, loosen the locknut, turn the screw in or out as necessary and tighten the locknut.

10 Choke - operation check

- 1 Operate the choke lever while you feel for smooth operation.
- 2 If the lever doesn't move smoothly, try lubricating the choke cable (Section 15). If that doesn't help, refer to Chapter 3 and remove the choke cable and plunger for inspection.

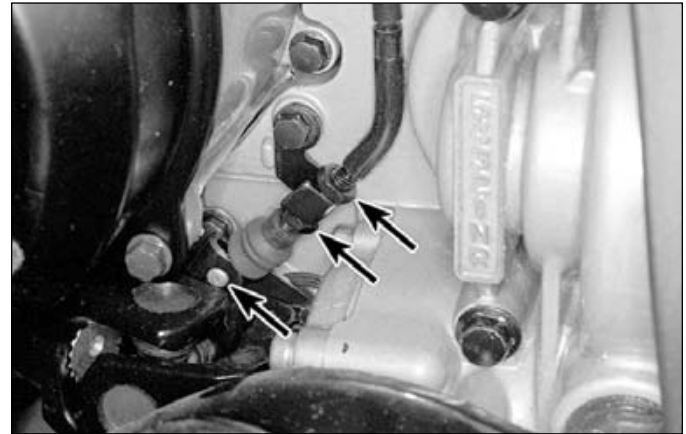
11 Reverse cable – check and adjustment

Refer to illustrations 11.1 and 11.2

- 1 Locate the reverse lever at the lower end of the reverse cable on the side of the engine (**see illustration**).
- 2 Twist the reverse knob until the reverse lever just starts to move and measure the freeplay at the knob (**see illustration**). If it's not within the range listed in this Chapter's Specifications, loosen the cable locknuts at the reverse lever and reposition them to change the freeplay. Once freeplay is correctly set, tighten the locknuts.



11.2 Rotate the reverse knob and measure freeplay (300 shown; 220 similar)



11.1 Adjust the reverse lever (lower arrow) with the cable locknuts (upper arrows) (300 shown; 220 similar)

12 Fasteners - check

1 Since vibration of the machine tends to loosen fasteners, all nuts, bolts, screws, etc. should be periodically checked for proper tightness. Also make sure all cotter pins or other safety fasteners are correctly installed.

2 Pay particular attention to the following:

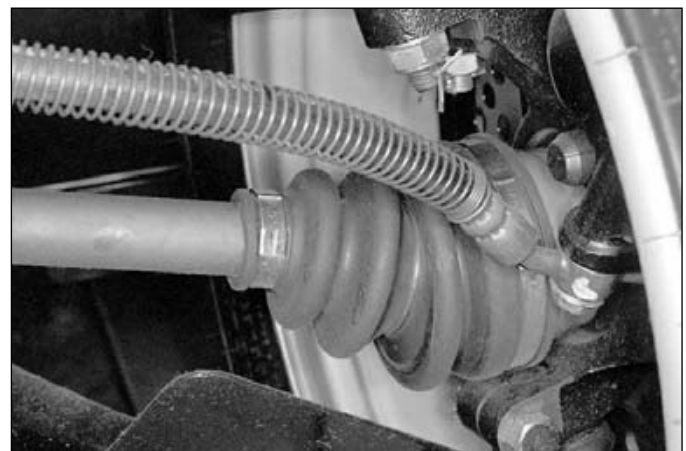
- Spark plug
- Engine oil, transfer case and differential drain plugs
- Oil filter cover bolts
- Gearshift lever
- Brake pedal
- Footpegs
- Engine mount bolts
- Shock absorber mount bolts
- Front axle nuts
- Rear axle nuts
- Skid plate bolts

3 If a torque wrench is available, use it along with the torque specifications at the beginning of this, or other, Chapters.

13 Driveaxle and driveshaft boots – inspection

Refer to illustration 13.1

1 There's a rubber boot at each end of the front driveaxles on 4WD



13.1 Inspect the rubber boot at each end of the rear driveshaft (all models) and front driveshaft and driveaxles (4WD models)