VEHICLE ALIGNMENT

The stabilizer link and engine mounts should be checked for wear using Service Manual procedures, refer to Table 22.

Vehicle alignment is important. Vehicle stability is adversely affected if wheels are out of alignment. Major alignment of the front and rear wheel is partially controlled by a stabilizer link at the lower front of the engine. This stabilizer link is maintenance-free and should not need service.

⚠WARNING

Major vehicle alignment should be performed only by your Harley-Davidson dealer using Service Manual procedures. Improper vehicle alignment will adversely affect motorcycle handling and stability which could result in death or serious injury.

SHOCK ABSORBERS

See REAR SHOCK ABSORBER ADJUSTMENT in the CONTROLS AND INDICATORS section. Shock absorbers and rubber bushings should be inspected for leaks and bushing deterioration, refer to Table 22.

SPARK PLUGS/COILS

Inspect the spark plugs, refer to Table 22. Replace if necessary.

CAUTION

Do not pull on any electrical wires. This may damage the internal conductor causing high resistance and reduction in firing voltage.

Before installing spark plugs, the gap should be checked and adjusted if necessary to **0.032-0.038** in. (0.81-0.97 mm).

Be sure your motorcycle has the correct spark plug. Use a **10R12A** spark plug.

Spark plugs must be tightened to the torque specified for proper heat transfer. Tighten spark plugs to 14.4-18.7 ft-lbs (19.5-25.3 Nm), per spark plug.

NOTE

If a torque wrench is not available, tighten the spark plugs finger tight; then tighten an additional one quarter turn with a spark plug wrench.

NOTE

The VRSCA is equipped with plug-top coils. To inspect the spark plugs, the coils must be removed. Consult the VRSCA service manual for the proper service procedure.