Drive Belt

⚠ WARNING

Inspect the condition of the drive belt. Inspect clutch sheaves for damage, wear, or belt residue. Clean with non-oil base cleaner such as isopropyl alcohol.

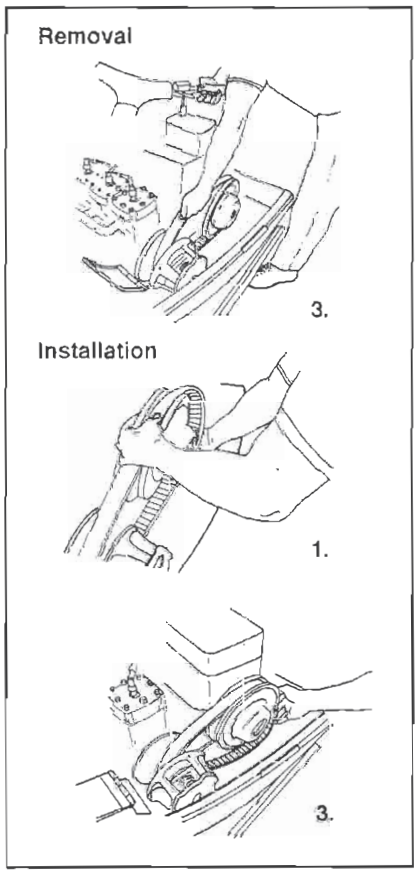
To ensure satisfactory belt life, install belts so they operate in the same direction of rotation. Position the identification numbers so that you can read them. This will keep the belt rotating in the same direction.

Belt Removal

1. Be sure key switch is off and engine has come to a complete stop. Remove the retaining knob or pin and open the clutch guard.
2. Apply brake (or lock parking brake if so equipped).
3. Grasp belt firmly midway between clutches and pull upward and rearward to open the driven clutch sheaves. Remove the belt from the driven clutch and then from the drive clutch.

Belt Installation

1. Drop the drive belt over the drive clutch and pull back the slack.
2. Turn the driven clutch moveable sheave clockwise while at the same time pushing inward and forcing the belt down between the sheaves.
3. Hold the belt down between the sheaves and roll the bottom portion over the outer clutch sheave. Once installed, be sure to work the belt to the outer edge of the sheave. Be sure to release parking brake if applied.
4. Close the clutch guard and reinstall the retaining knob or pin.



Belt Inspection

5. Refer to PVT Section for belt inspection and width measurement.
6. Measure belt length with a tape measure around the outer circumference of the belt. Belts which measure shorter or longer than a nominal length may require driven clutch or engine adjustment to obtain proper belt deflection.
7. Replace belt if worn past the service limit. Belts with thin spots, burn marks, etc., should be replaced to eliminate noise, vibration, or erratic operation. See Troubleshooting Chart at the back of this chapter for possible causes. **NOTE:** If a new belt is installed, check belt deflection. Install so part numbers are easily read.

Refer to pages 6.40 and 6.41 for belt specifications and measurement procedures.