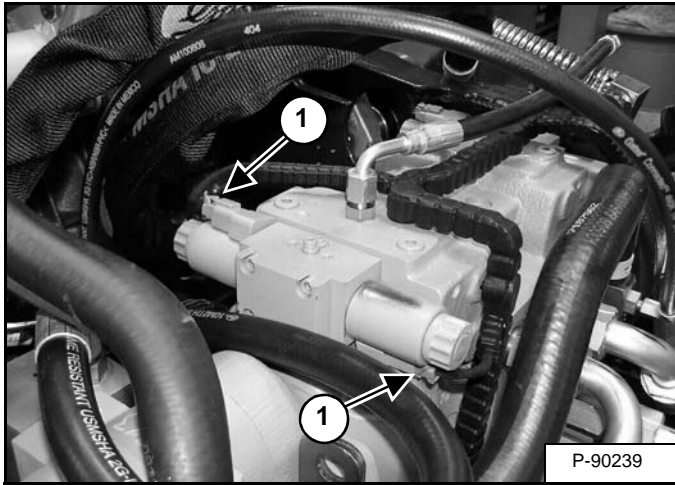


HYDROSTATIC PUMP (SJC) (S/N A5HA35032 & ABOVE AND AAKM35009 & ABOVE) (CONT'D)

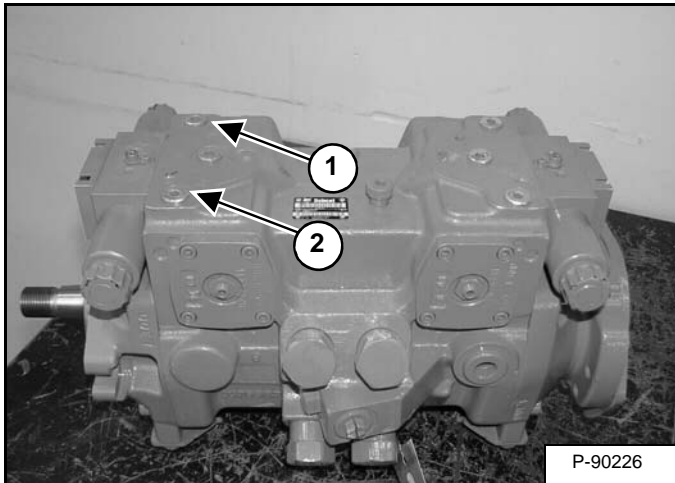
Hydraulic Controller Neutral Adjustment (Cont'd)

Figure 30-52-79



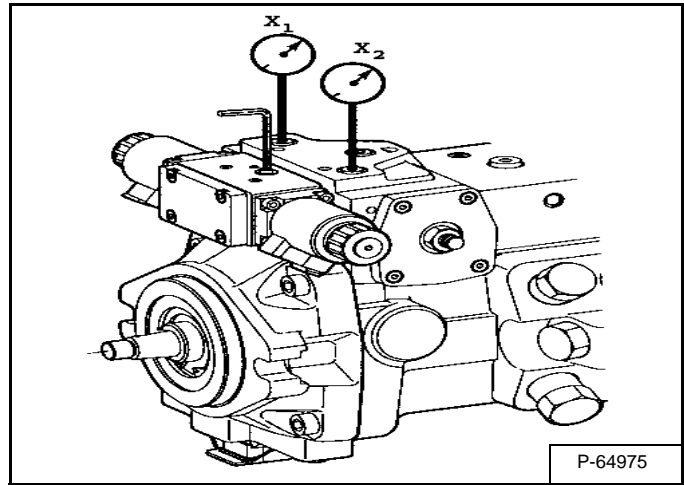
Disconnect the hydraulic controller connectors (Item 1) [Figure 30-52-79] from the loader wiring harness for the hydraulic controller you are adjusting.

Figure 30-52-80



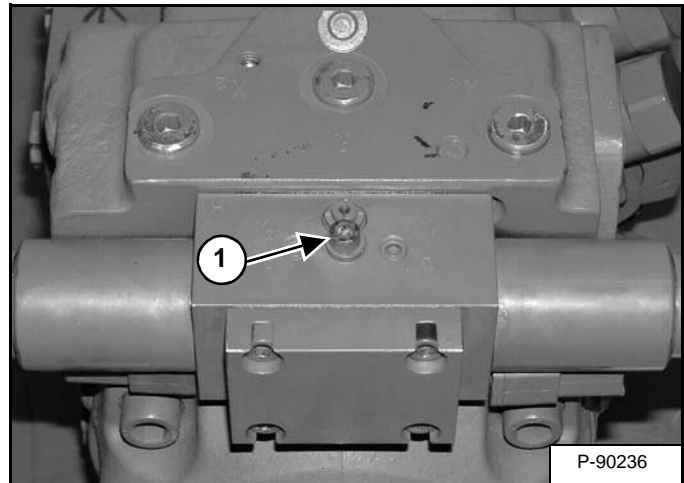
Remove the X1 plug (Item 1) and X2 plug (Item 2) [Figure 30-52-80] pertaining to the side of the hydrostatic pump you are adjusting.

Figure 30-52-81



Install 500 PSI pressure gauges in the X1 and X2 ports pertaining to the side of the hydrostatic pump you are adjusting.

Figure 30-52-82



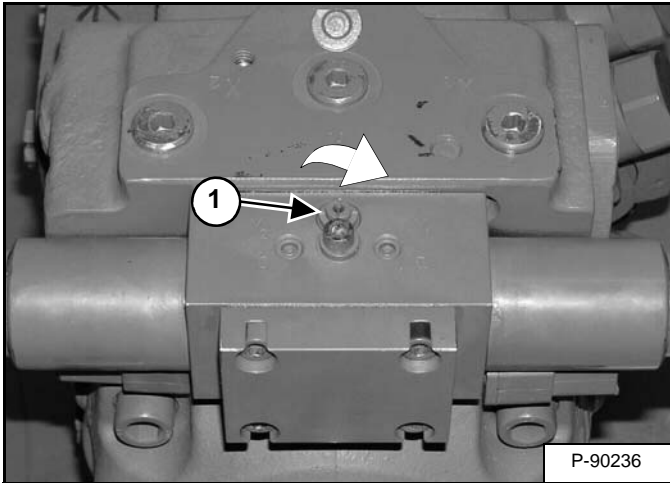
Loosen the locking screw (Item 1) [Figure 30-52-82].

Start the loader using the remote start tool and run at an idle.

HYDROSTATIC PUMP (SJC) (S/N A5HA35032 & ABOVE AND AAKM35009 & ABOVE) (CONT'D)

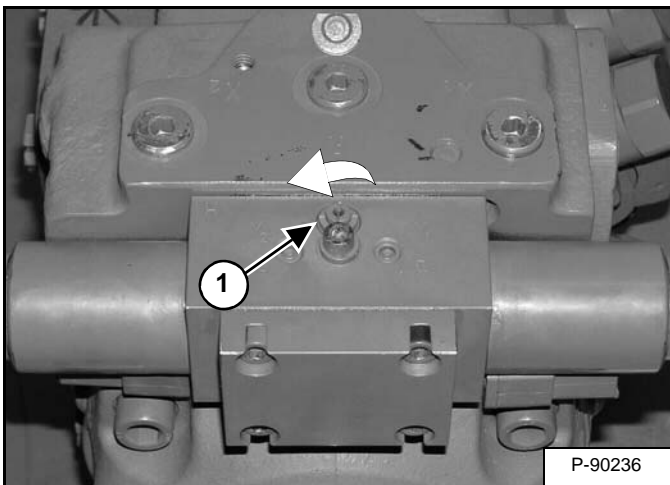
Hydraulic Controller Neutral Adjustment (Cont'd)

Figure 30-52-83



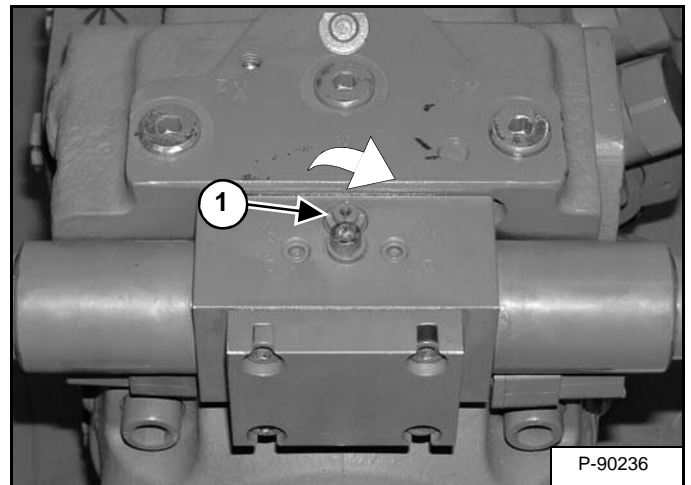
Turn the adjustment screw (Item 1) [Figure 30-52-83] clockwise, until one of the gauges registers an increase in system pressure. Mark the position of the adjustment screw.

Figure 30-52-84



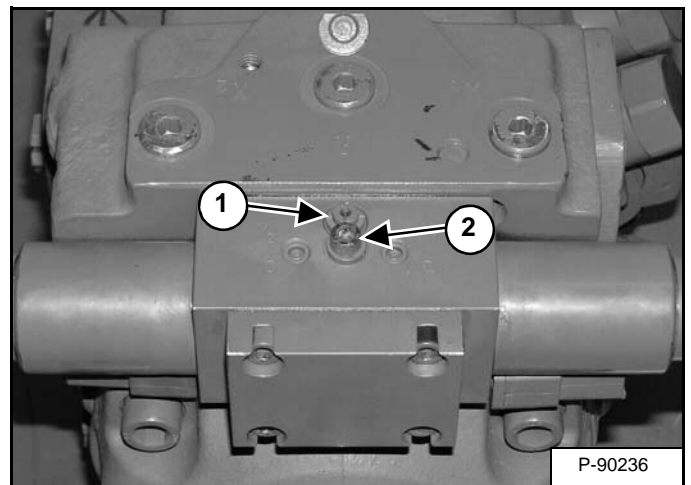
Turn the adjustment screw (Item 1) [Figure 30-52-84] counterclockwise, until the other gauge registers an increase in system pressure. Mark the position of the adjustment screw.

Figure 30-52-85



Turn the adjustment screw (Item 1) [Figure 30-52-85] clockwise, to a position halfway between the recorded positions. The pressure gauges should read equal pressures.

Figure 30-52-86



While holding the adjustment screw (Item 1) in position, tighten the locking screw (Item 2) [Figure 30-52-86] to 4.5 ft.-lb. (6,1 N•m) torque.

Shut loader OFF.

Remove the pressure gauges from the X1 and X2 ports on the pump. Install the plugs and tighten to 18 ft.-lb. (25 N•m) torque.

Connect the hydraulic controller wire connectors to the loader wiring harness.

Perform a controller calibration procedure. (See CALIBRATION on Page 60-160-1.)



Bobcat®

DRIVE BELT

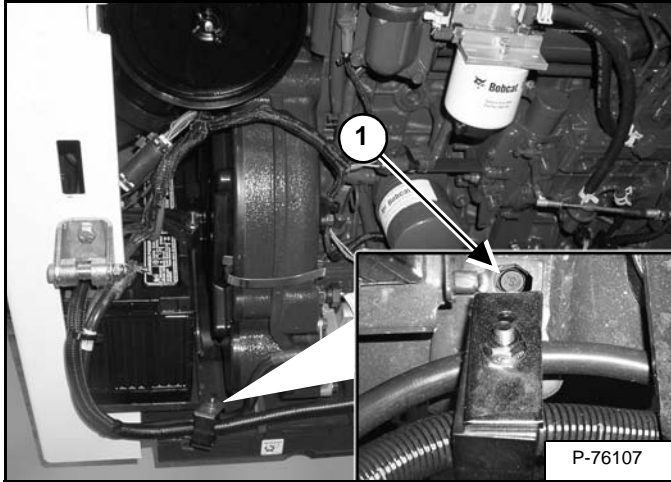
Description

The drive belt connects the engine to the hydrostatic pumps. The drive belt is tightened by a spring tensioner and is covered by a shield to protect operator.

The drive belt is located on the flywheel side of the engine by the battery.

Shield Removal And Installation

Figure 30-60-1



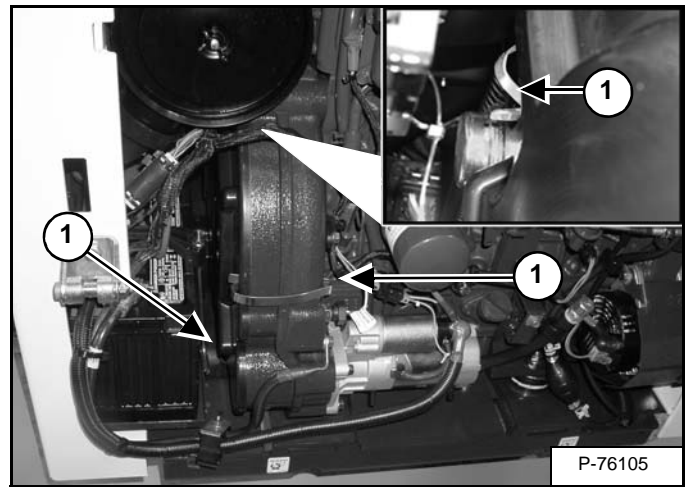
Stop the engine.

Open the rear door.

Remove the bolt (Item 1) [Figure 30-60-1] from the cable bracket.

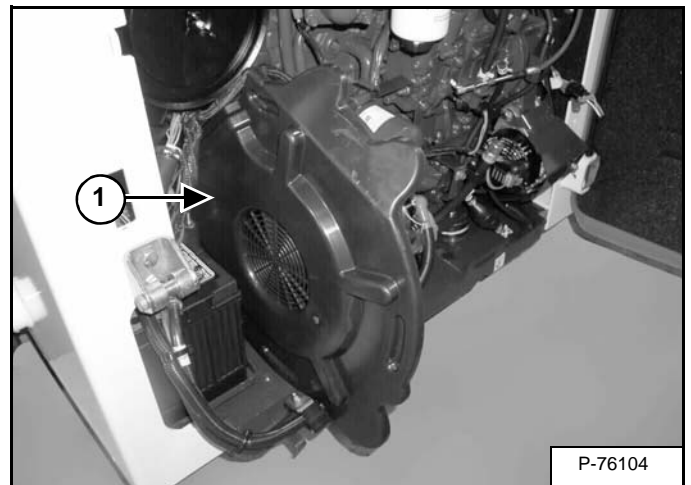
Move the cable to allow removal of the drive shield.

Figure 30-60-2



Remove the three drive belt shield clips (Item 1) [Figure 30-60-2].

Figure 30-60-3

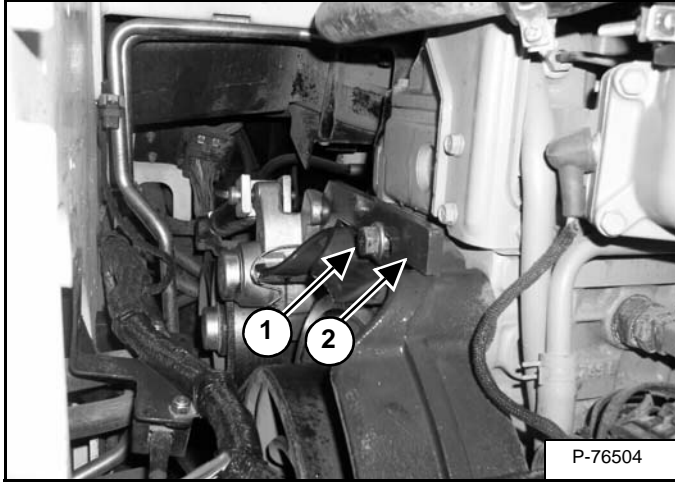


Remove the drive belt shield (Item 1) [Figure 30-60-3] from the drive belt housing.

DRIVE BELT (CONT'D)

Adjusting

Figure 30-60-4



The drive belt idler arm stop is located on the left side of the engine block.

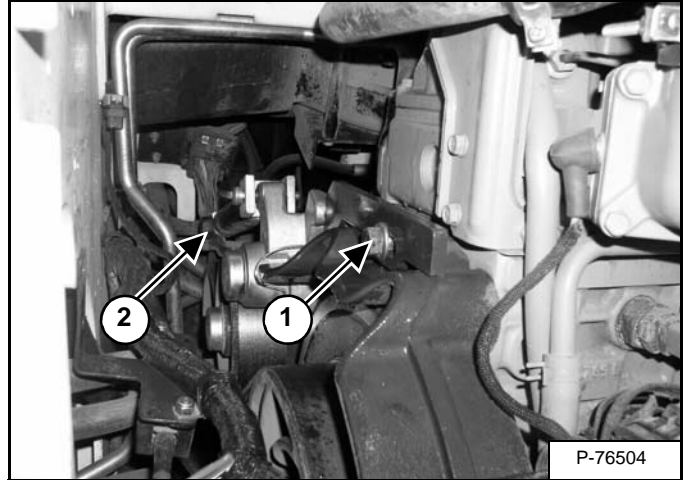
Remove the engine air cleaner. (See Housing Removal And Installation on Page 70-40-1.)

Loosen the bolt (Item 1) and slide the stop (Item 2) [Figure 30-60-4] against the idler arm. Tighten the bolt.

There is no adjustment for the spring, just make sure the spring bolts are tight.

Belt Removal And Installation

Figure 30-60-5

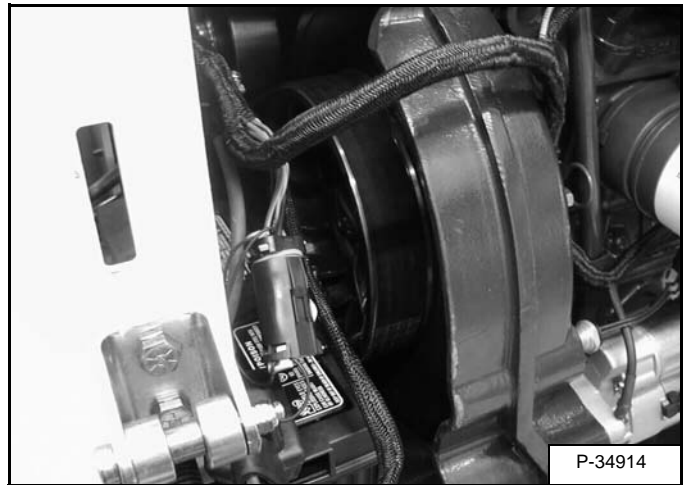


Remove the engine air cleaner. (See Housing Removal And Installation on Page 70-40-1.)

Loosen the stop mounting bolt (Item 1) [Figure 30-60-5].

Loosen the spring tension bolt (Item 2) [Figure 30-60-5] at the rear of the spring.

Figure 30-60-6

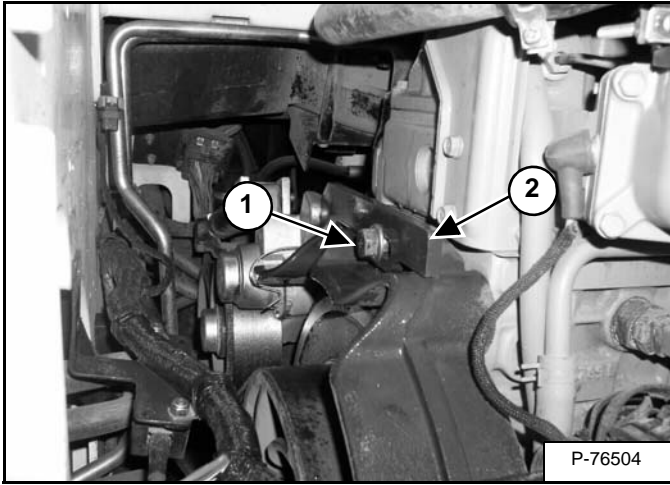


Remove the drive belt from the hydrostatic pump pulley and flywheel pulley [Figure 30-60-6].

DRIVE BELT (CONT'D)

Tensioner Pulley Removal And Installation

Figure 30-60-7



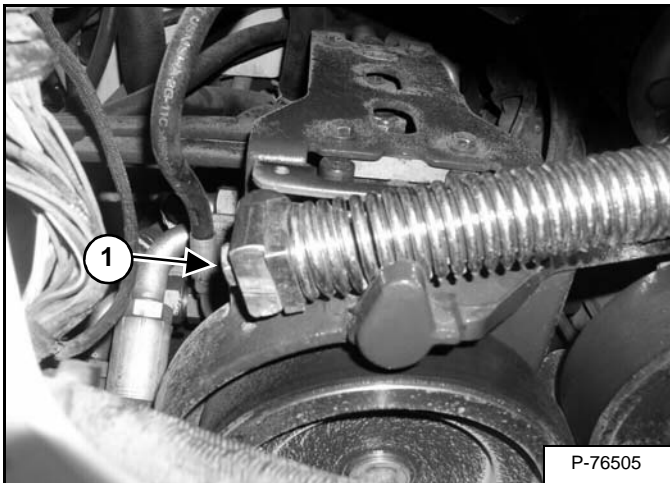
Remove the belt shield. (See Shield Removal And Installation on Page 30-50-1.)

Remove the engine air cleaner. (See Housing Removal And Installation on Page 70-40-1.)

Remove the stop mounting bolt (Item 1) [Figure 30-60-7].

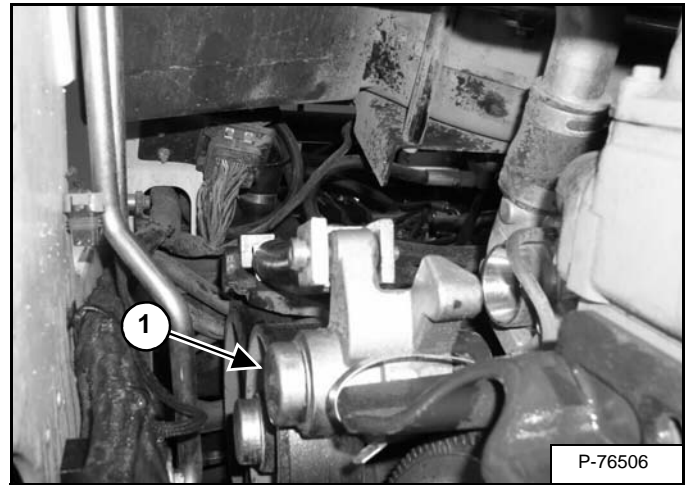
Remove the stop (Item 2) [Figure 30-60-7].

Figure 30-60-8



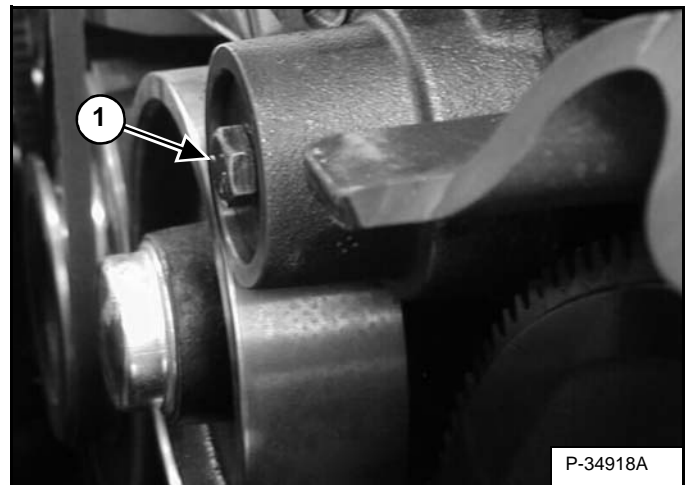
Remove the spring tension bolt (Item 1) [Figure 30-60-8].

Figure 30-60-9



Remove the end cap (Item 1) [Figure 30-60-9] from the tension pulley arm.

Figure 30-60-10



Remove the mounting bolt (Item 1) [Figure 30-60-10] from the tension pulley arm.