

PARKING BRAKE

Releasing The Brake For Towing

Block all four wheels to prevent the machine from moving once the parking brake is released.

Locate the six brake release bolts (three per side) on the front axle.

Figure 40-50-1

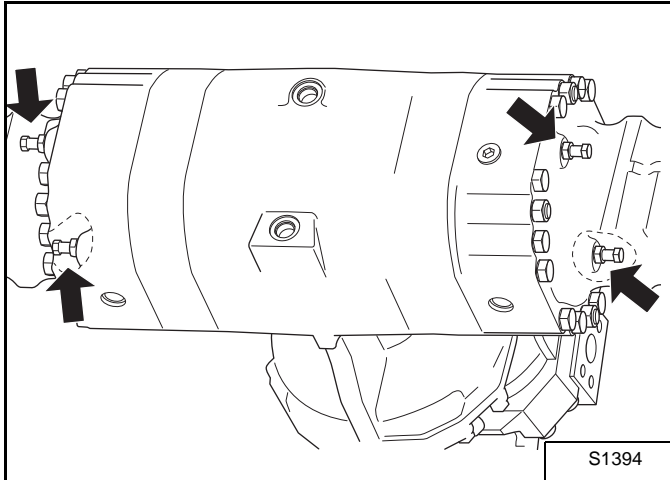
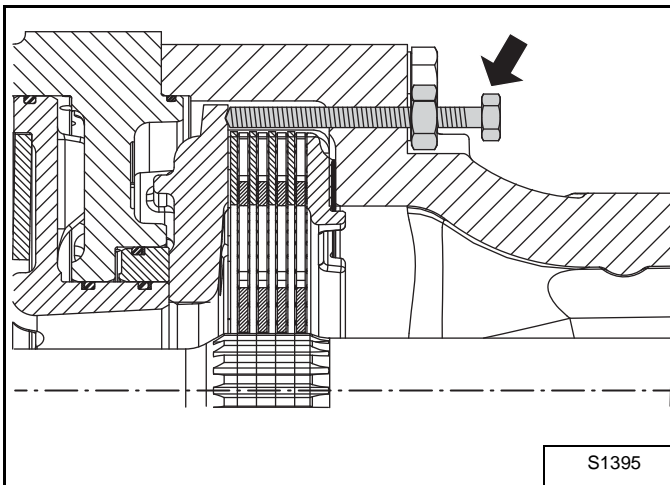
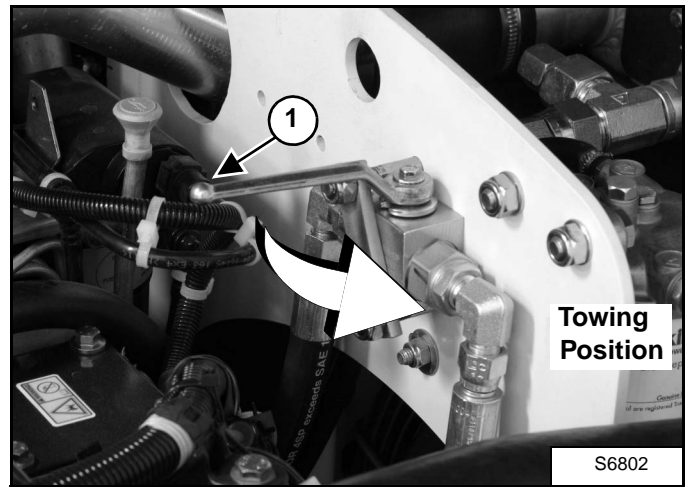


Figure 40-50-2



Alternately turn the brake release bolts [Figure 40-50-1] "IN" (clockwise) 1/2 turn each until you feel resistance. Continue to turn each release bolt in equally 1/2 turn for a total of approximately 5 complete turns.

Figure 40-50-3



Locate the tow valve (Item 1) [Figure 40-50-3], turn anticlockwise 90° to the towing position.

The machine is now ready to be towed.

PARKING BRAKE (CONT'D)

Re-Activating The Brake

Block all four wheels to prevent the machine from moving.

Locate the six brake release bolts (three per side) on the front axle.

Figure 40-50-4

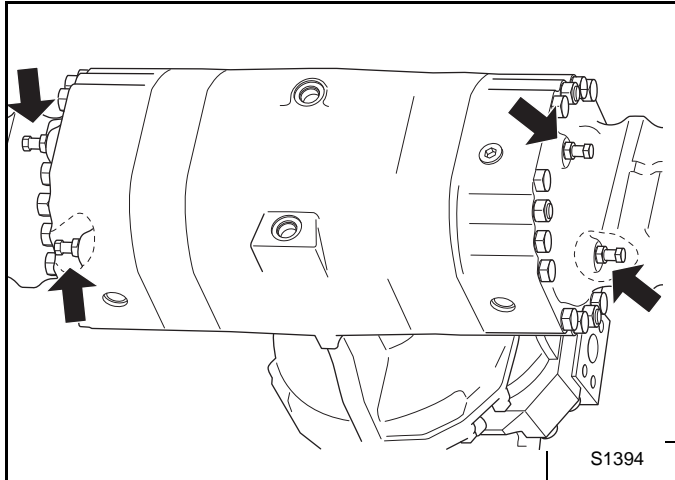
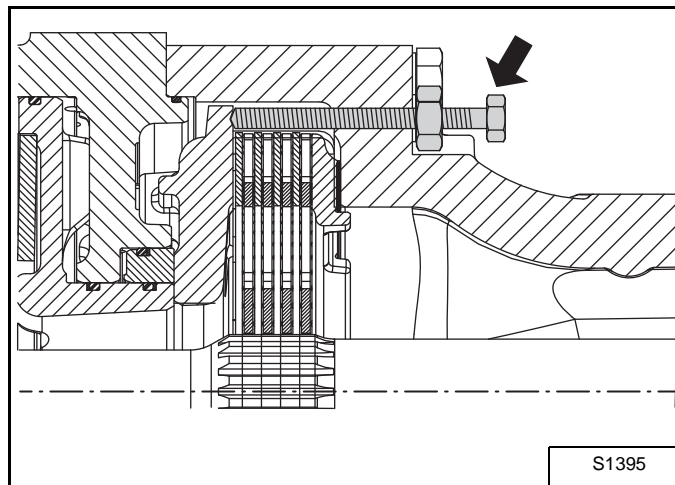
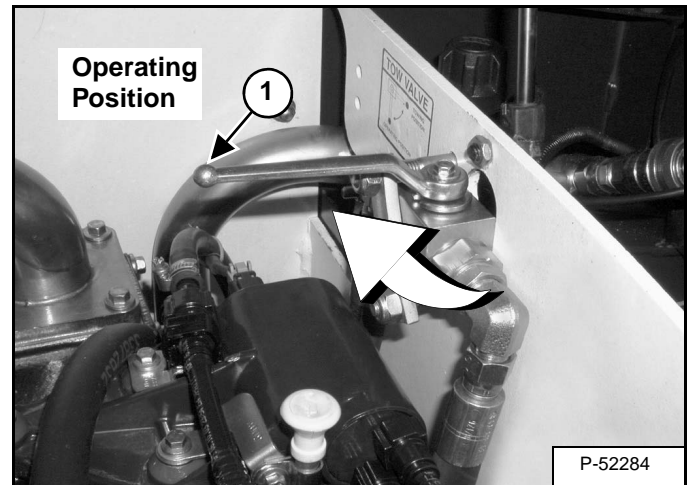


Figure 40-50-5



Alternately turn the brake release bolts [Figure 40-50-4] "OUT" (anticlockwise) 1/2 turn until the torque drops off sharply. Continue to turn each release bolt out equally 1/2 turn until the brake release bolt presses against the bolt housing. After the brake release bolt is touching the bolt housing turn each brake release bolt "IN" (clockwise) a 1/4 turn.

Figure 40-50-6



Locate the tow valve (Item 1) [Figure 40-50-6] under the hood, turn clockwise 90° to the operating position.

The parking brake is now re-activated.



WARNING

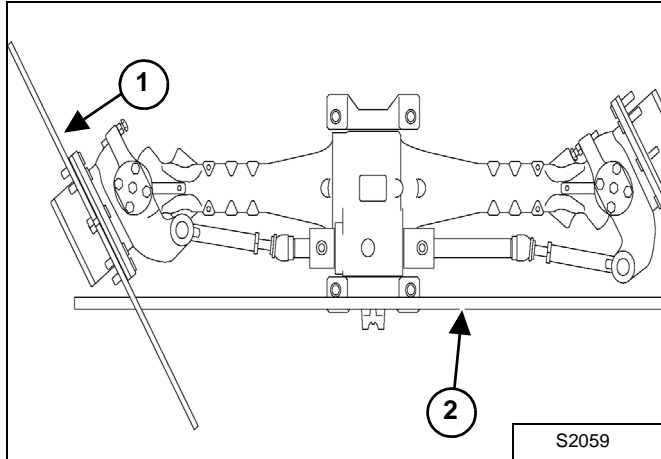
The vehicle will not be able to break until the screws are returned to their original position.

STEERING ANGLE ADJUSTMENT

Adjustment

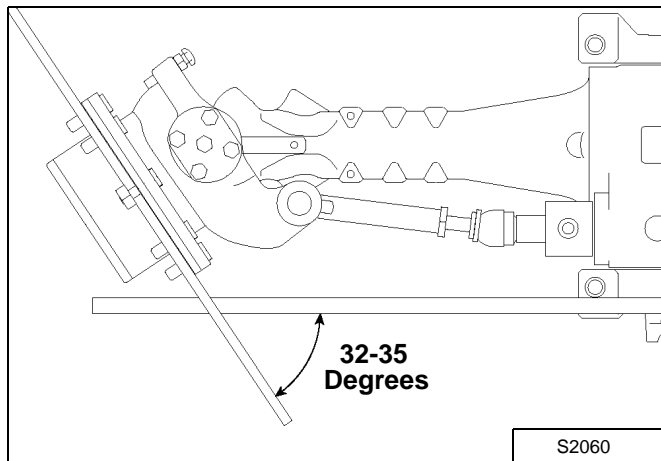
The axle is removed from the machine for photo clarity, but this procedure can be completed with the axle installed in the machine.

Figure 40-60-1



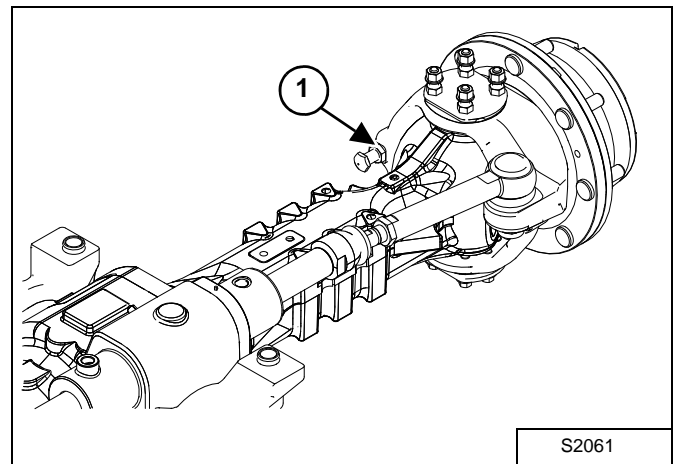
Install a straight bar (Item 1) onto the wheel hub and secure using lug nuts. Turn the steering wheel completely to one side. Place a straight bar (Item 2) [Figure 40-60-1] on the pinion shaft.

Figure 40-60-2



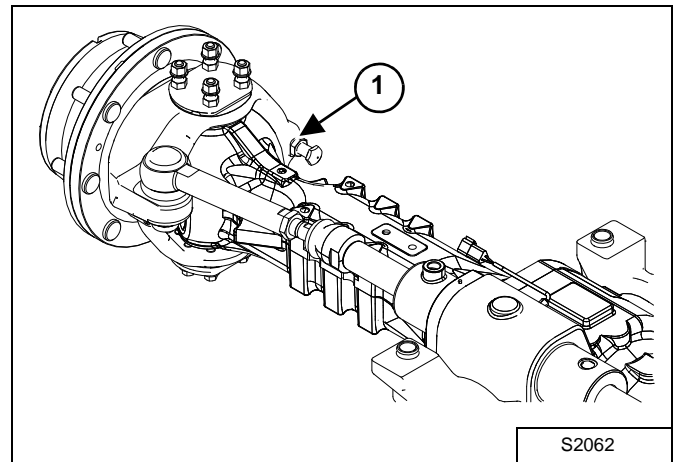
Use an angle gauge, to obtain a reading of 32-35 degrees [Figure 40-60-2].

Figure 40-60-3



Adjust the stop (Item 1) [Figure 40-60-3] as needed. Tighten the lock nut to 110 ft.-lb. (150 N•m) torque.

Figure 40-60-4



Turn the steering wheel completely to the other side [Figure 40-60-4] and repeat above procedure.

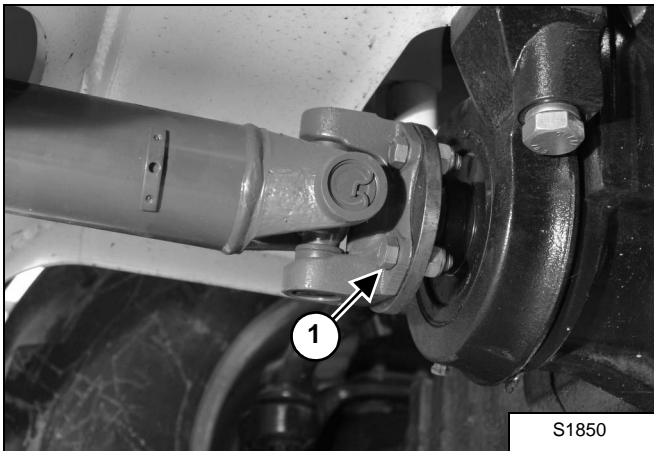


Bobcat®

DRIVESHAFT

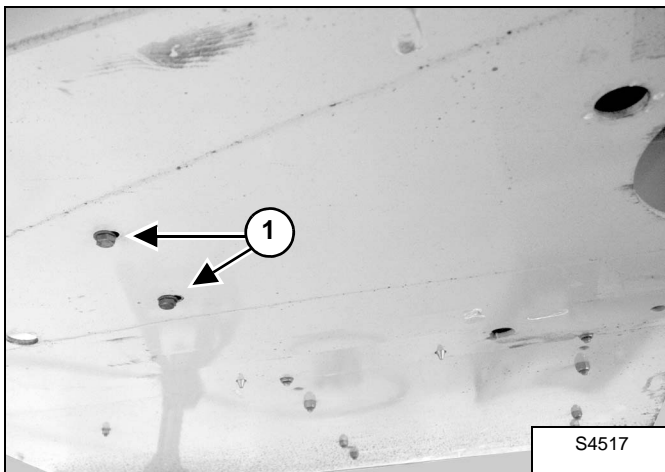
Removal And Installation

Figure 40-70-1



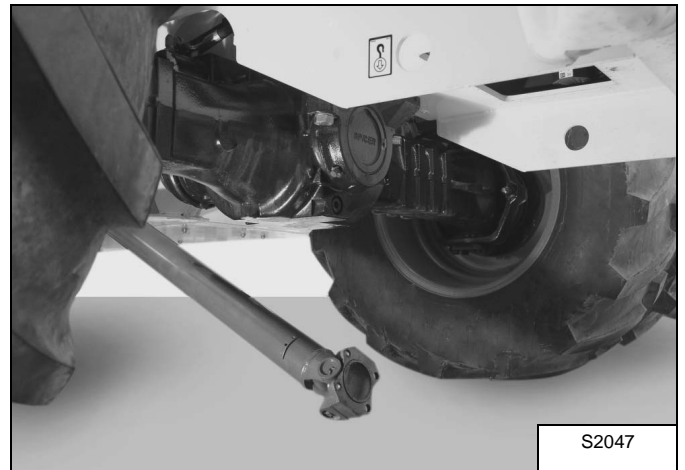
Remove the four drive shaft mounting bolts (Item 1) [Figure 40-70-1] from each end of the drive shaft.

Figure 40-70-2



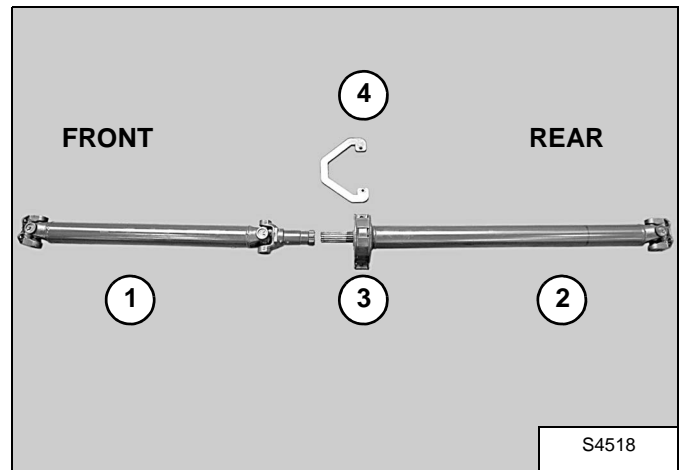
Remove the intermediate drive shaft support by removing the two bolts (Item 1) [Figure 40-70-2] on the bottom side of the machine frame.

Figure 40-70-3



Remove the drive shaft out the rear of the machine [Figure 40-70-3].

Figure 40-70-4



The drive shaft assembly consists of the following parts: front shaft (Item 1), rear shaft (Item 2), intermediate support (contains a bearing and a damper) (Item 3), threaded bracket (Item 4) [Figure 40-70-4].