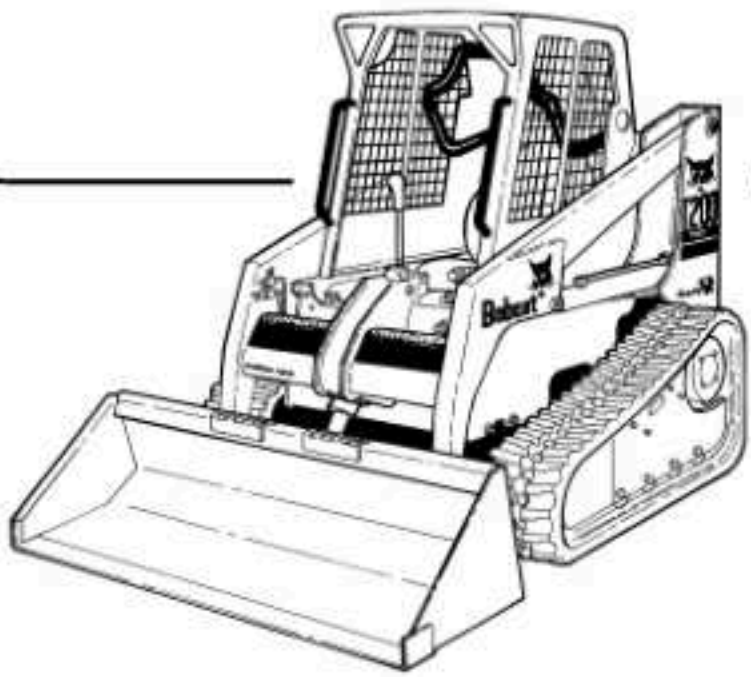
T200 TURBO

T200 TURBO HIGH FLOW

Bobcat®

Service Manual

S/N 518915001 & Above
S/N 516815001 & Above
S/N 517515001 & Above



EQUIPPED WITH BOBCAT INTERLOCK CONTROL SYSTEM (BICS™)

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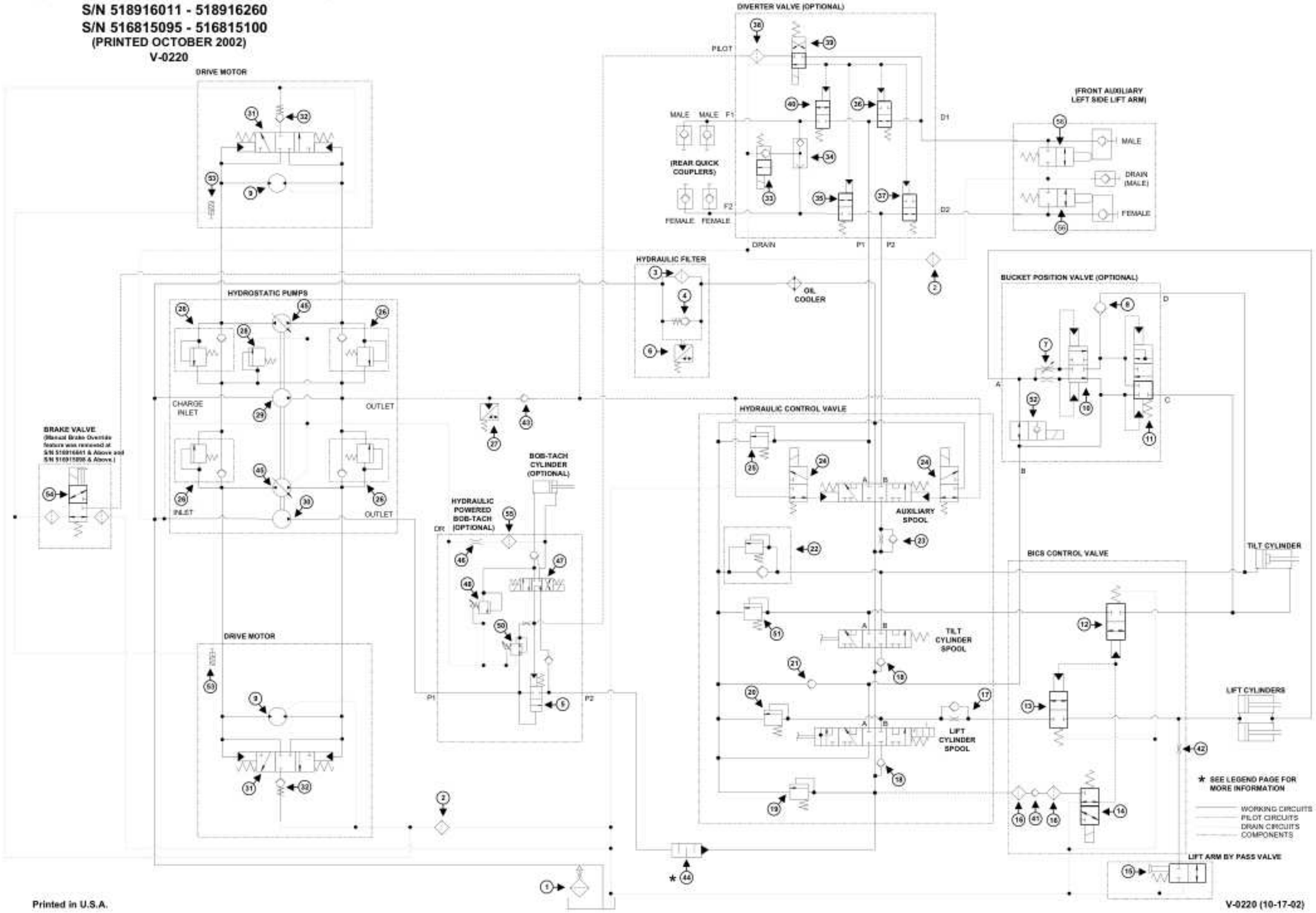
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T200 HYDRAULIC/HYDROSTATIC SCHEMATIC
S/N 518916011 - 518916260
S/N 516815095 - 516815100
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V-0220



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SEAT BAR SENSOR

Troubleshooting Chart

The following troubleshooting chart is provided for assistance in locating and correcting BICS system problems. It is recommended that these procedures be done by authorized Bobcat Service Personnel only.

⚠ WARNING

Check for correct function after adjustments, repairs or service. Failure to make correct repairs or adjustments can cause injury or death.

W-2004-1285

PROBLEM	SOLUTION #
Indicator light does not come ON when seat bar is lowered.	1, 2, 3, 4, 5

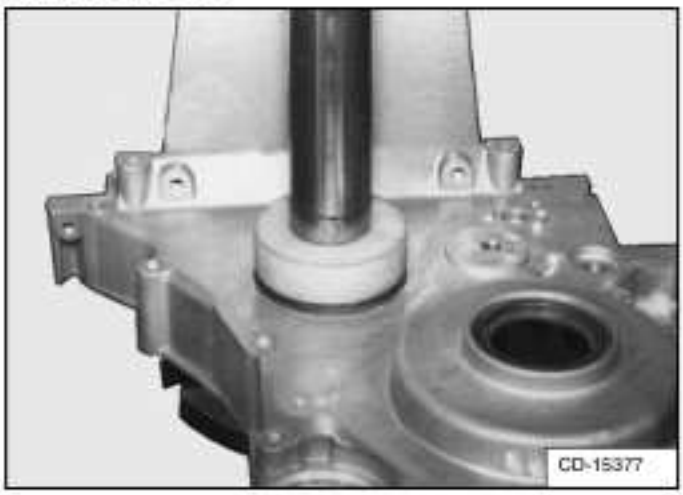
SOLUTION SUGGESTIONS

1. Check sensor wire connection.
2. Use the BICS™ sensor tester MEL 1428 with seat bar adapter MEL1567 to check sensor and controller.
3. Check for loose hardware.
4. Check keyed bushing to make sure magnet collar rotates with seat bar.
5. Check magnet collar magnets for contamination such as metal particles.

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Front Cover Assembly (Cont'd)

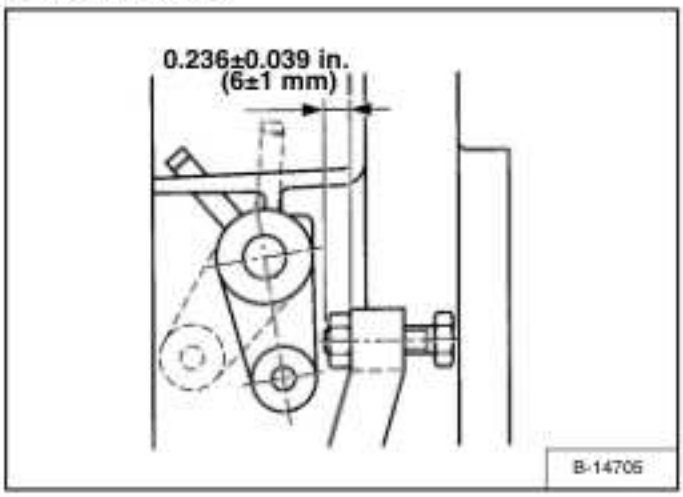
Figure 70-100-185



Do Not put oil on the crankshaft seal.

Press the crankshaft seal into the front cover **[Figure 70-100-185]**.

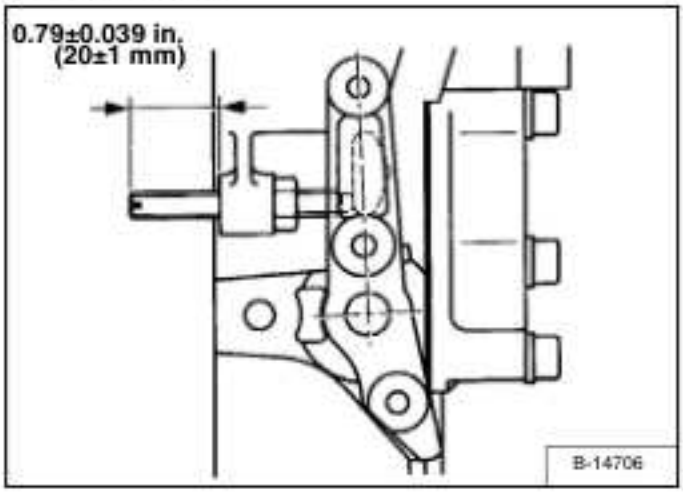
Figure 70-100-186



Adjust the distance of the shut-down stop screw to 0.236 ± 0.039 in. (6 ± 1 mm) **[Figure 70-100-186]**.

Tighten the lock nut to 40 in.-lb. (4,5 N•m) torque.

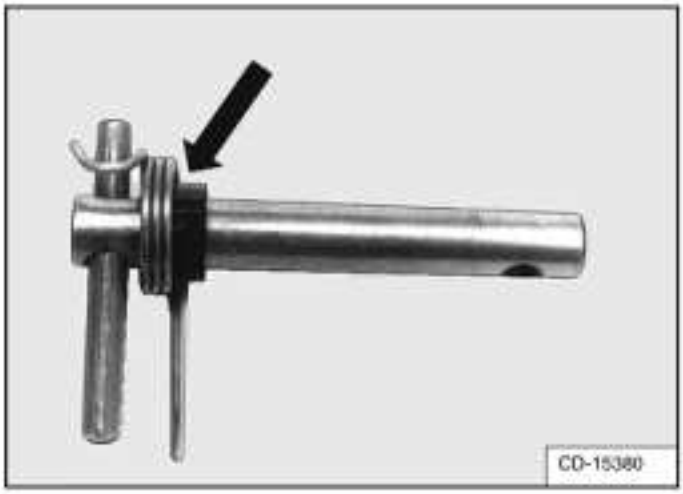
Figure 70-100-187



Adjust the minimum speed screw to 0.79 ± 0.039 in. (20 ± 1,0 mm) **[Figure 70-100-187]**.

Tighten the lock nut to 40 in.-lb. (4,5 N•m) torque.

Figure 70-100-188



Install the spacer bushing and spring on the shut down shaft **[Figure 70-100-188]**.

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WIRING SCHEMATIC (With ACS Option)

T200 (S/N 518916789 AND ABOVE)
(S/N 516815111 AND ABOVE)
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