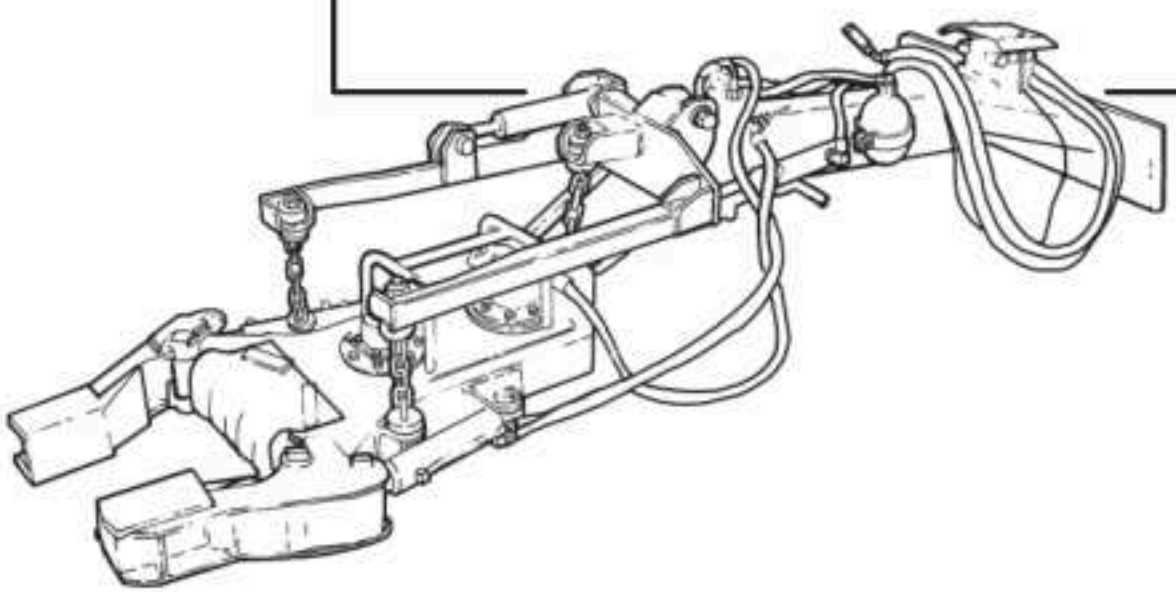
TREE VIBRATOR

Single
Double

Bobcat®

Service Manual

Model 30 – S/N 991600101 & Above
Model 40 – S/N 991700101 & Above



Bobcat

6901163 (12–01)

Printed in U.S.A.

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CALIFORNIA
PROPOSITION 65 WARNING

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

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⚠ WARNING

Instructions are necessary before operating or servicing machine. Read Operation & Maintenance Manual, Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Failure to follow instructions can cause injury or death.

W–2003–0199

If the Tree Vibrator is not working correctly, check the hydraulic system of the Bobcat Loader thoroughly before making any repairs on the Tree Vibrator. Tree Vibrator problems can be affected by a hydraulic system that is not operating to specifications.

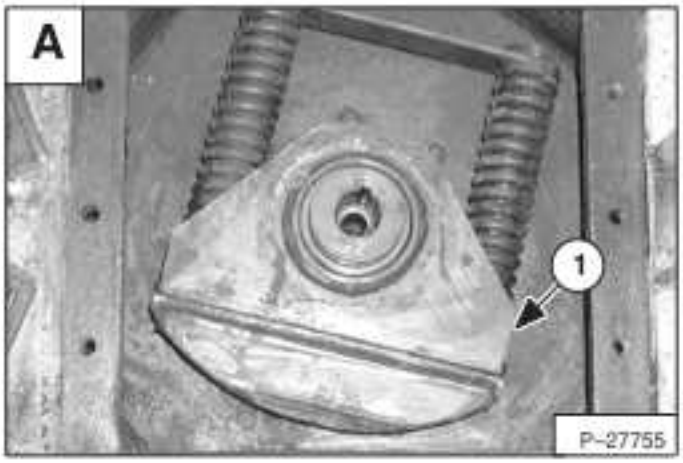
If the Bobcat Loader operation is found to be correct, use the following troubleshooting chart to locate and correct problems with the Tree Vibrator.

PROBLEM	CAUSE	CORRECTION
Cannot change angle of cylinders.	Fuse is blown. Electrical overload.	Replace fuse in loader. See your Bobcat Loader Operation & Maintenance Manual for the location, size and type of fuse.
	Damage to the wires, harness or electrical connectors.	See your Bobcat dealer and the electrical schematics in the SPECIFICATION section of this manual.
	Faulty or damaged solenoid(s).	Replace solenoid(s).
	Auxiliary hydraulics switch not engaged.	Engage auxiliary hydraulics switch.
Tree Vibrator will not vibrate.	Auxiliary front hydraulics not engaged.	Engage the loader front auxiliary hydraulics.
	Continuous Operation auxiliary hydraulic switch not engaged.	Engage Continuous Operation auxiliary hydraulic switch.
Cylinders move quickly and are hard to position.	Auxiliary switch in maximum flow position.	Move switch to variable flow.

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Disassembly And Assembly (Cont'd)

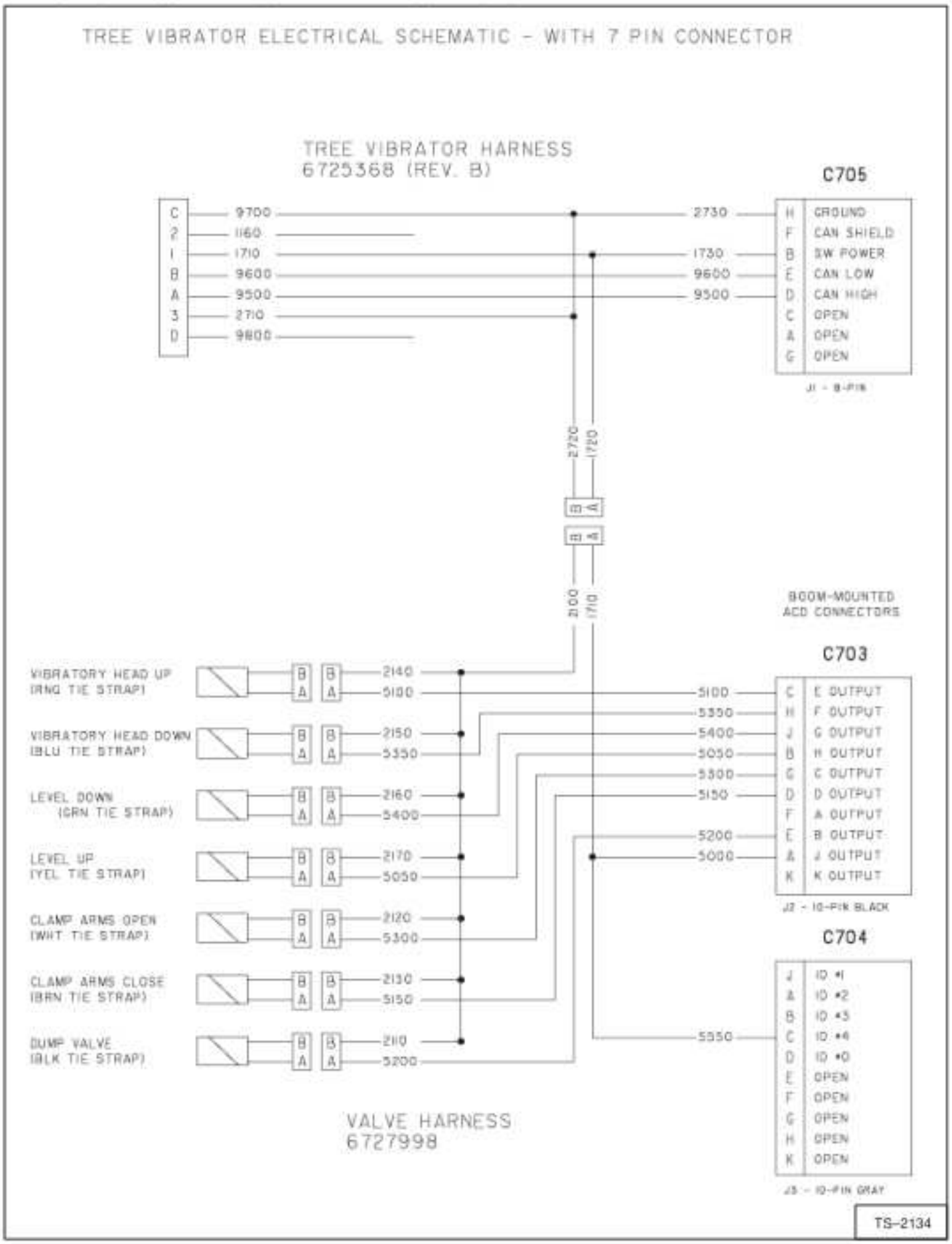
Remove the counterweight (Item 1) **[A]**.



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ELECTRICAL SCHEMATIC WITH 7–PIN CONNECTOR



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