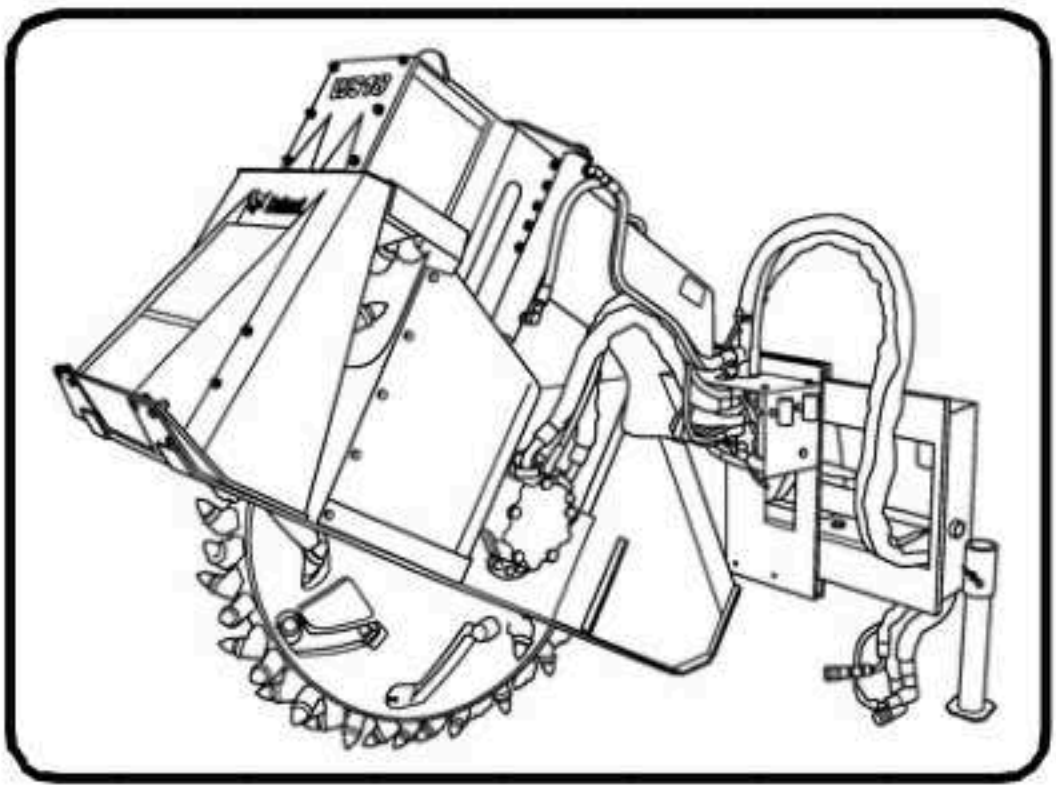
Bobcat®

Service Manual
Wheel Saw

(WS18 Wheel Saw) S/N 991800101 & Above
(WS24 Wheel Saw) S/N 991900101 & Above



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TROUBLESHOOTING

Chart

⚠ WARNING

Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's 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. Untrained operators and failure to follow instructions can cause injury or death.

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If the attachment is not working correctly, check the hydraulic system of the machine thoroughly before making any repairs on the attachment. Attachment problems can be affected by a hydraulic system that is not operating to specifications. Connect a flow meter to the machine to check the hydraulic pump output, relief valve setting and tube lines to check flow and pressure. (See the machine's Service Manual for the correct procedure to connect the flow meter.)

Use the following troubleshooting chart to locate and correct problems which most often occur with the attachment.

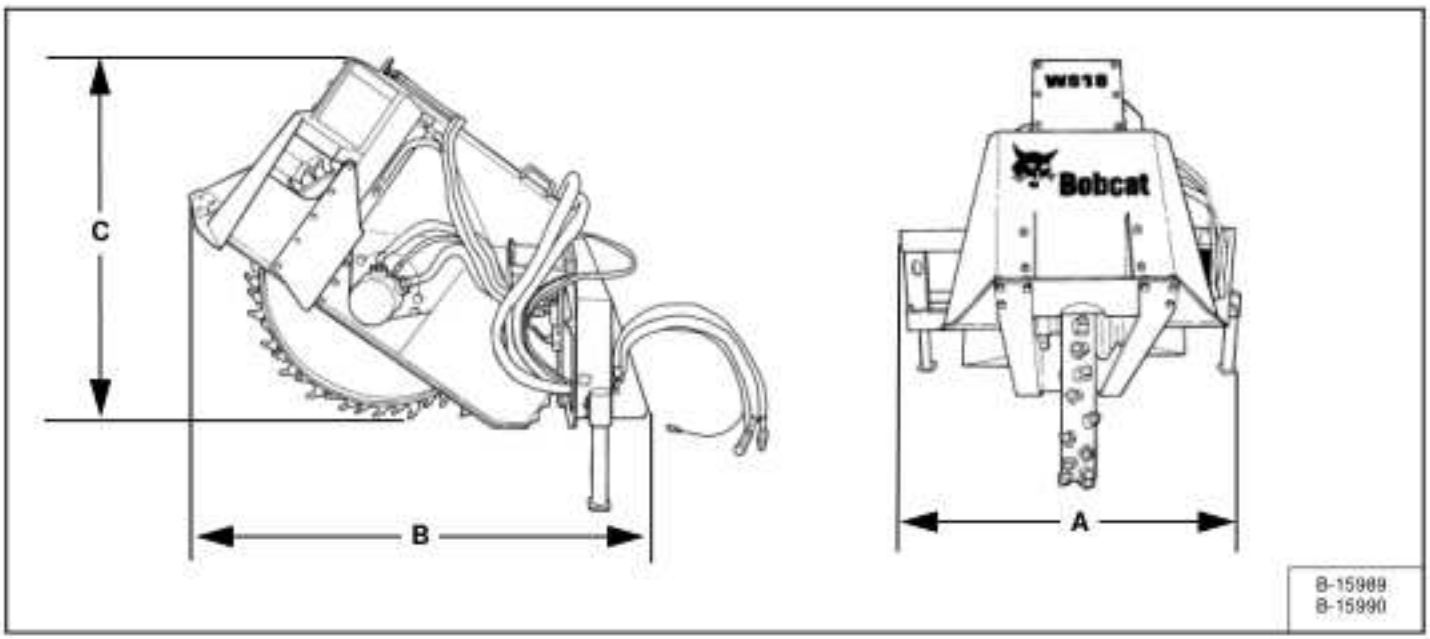
PROBLEM	CAUSE	CORRECTION
Wheel saw will not rotate.	Auxiliary hydraulics not activated.	Activate auxiliary hydraulics.
	Hydraulic couplers not fully connected.	Check hydraulic connections.
	Wheel saw bits are contacting the ground when start-up is attempted.	Raise the wheel saw off the ground before engaging auxiliary hydraulics.
	Electrical solenoids on wheel saw disconnected or defective.	Check all electrical connections. Repair and / or replace solenoids.
	Control valve on wheel saw damaged or defective.	Repair and / or replace control valve.
Wheel saw loses power.	Trying to cut at too fast a travel speed.	Move loader forward at a slower rate.
	Loss of hydraulic flow.	Make sure High Flow hydraulics are activated.
	Loader relief valve not set to specification.	Check loader relief valve setting.
	Hydraulic pump flow insufficient.	Check hydraulic pump flow.
Wheel saw will not side shift.	Debris obstructing side shift function.	Check area around side shift cylinder for any obstructions.
	Electrical solenoids on wheel saw disconnected or defective.	Check all electrical connections. Repair and / or replace solenoids.
	Control valve on wheel saw damaged or defective.	Repair and / or replace control valve.
Wheel saw depth frame will not lower or raise.	Debris obstructing depth frame movement.	Clean all areas around depth frame.
	Electrical solenoids on wheel saw disconnected or defective.	Check all electrical connections. Repair and / or replace solenoids.
Wheel saw trench cleaner will not lower.	Debris obstructing trench cleaner movement.	Remove the cover. Clean track of debris and obstructions.
	Electrical solenoids on wheel saw disconnected or defective.	Check all electrical connections. Repair and / or replace solenoids.
	Trench not allowing trench cutter to lower.	Cut at least 305 mm (12 in) of trench before attempting to lower the trench cleaner.

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(WS24) WHEEL SAW SPECIFICATIONS

Dimensions

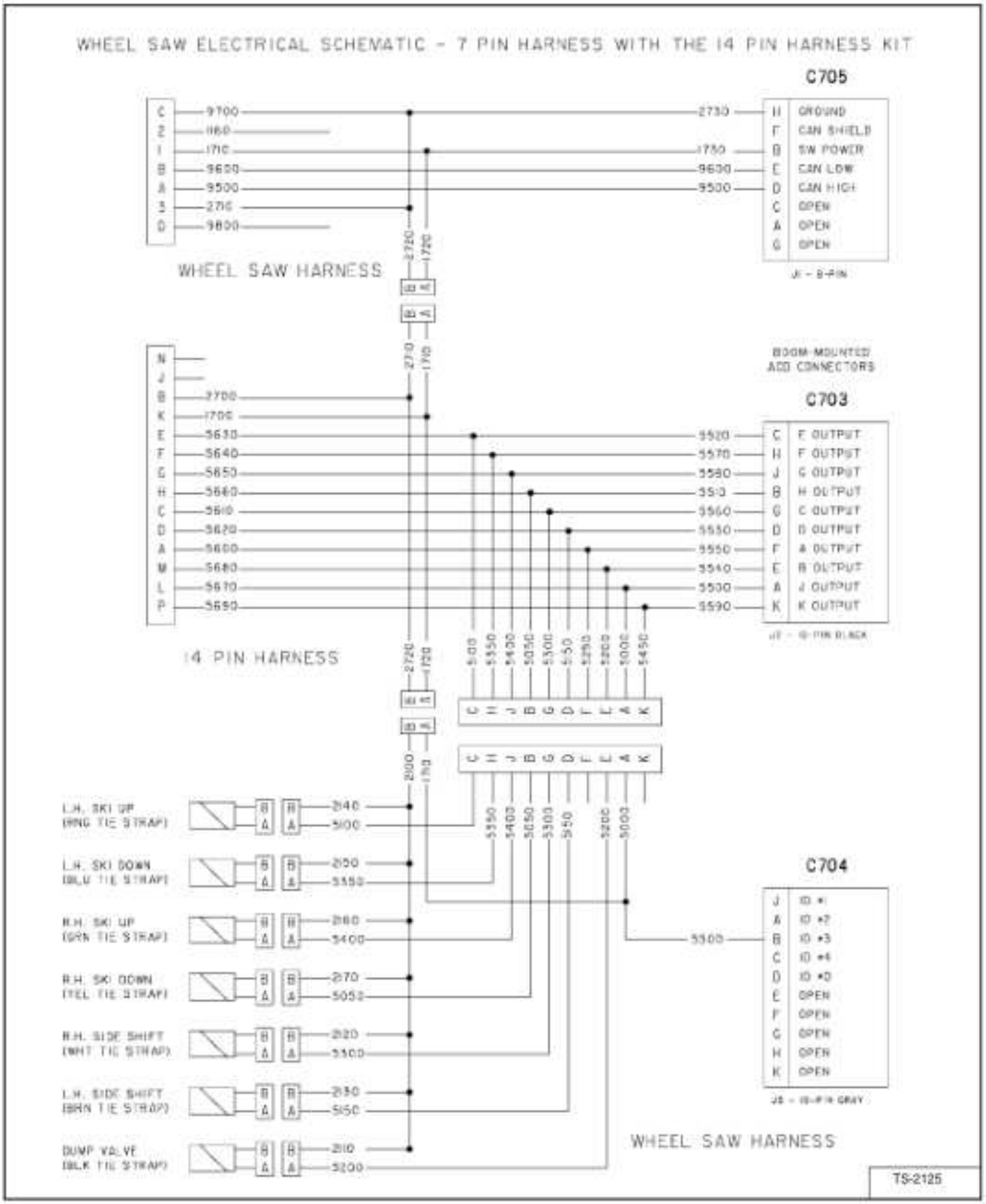
- All dimensions are shown in millimeters. Respective imperial dimensions are given in inches enclosed by parentheses.
- Where applicable, specifications conform to **SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	WS24 WHEEL SAW
Overall Attachment Width (A)	1740 mm (68.50 in)
Length (B)	1880 mm (74 in)
Height (C)	2057 mm (81 in)

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ELECTRICAL SCHEMATIC (7 PIN CONNECTOR WITH 14 PIN ADAPTER HARNESS) (S/N 991800662 & BELOW, S/N 991900905 & BELOW)



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