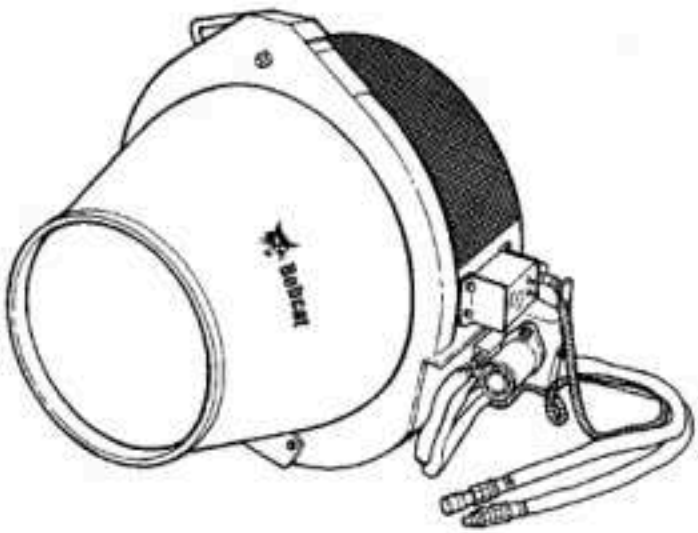
Concrete Mixer

Bobcat®

Service Manual

S/N 678500101 & Above

S/N A01600101 & Above



Ingersoll Rand
Compact Vehicle Technologies

6900884 (2-06)

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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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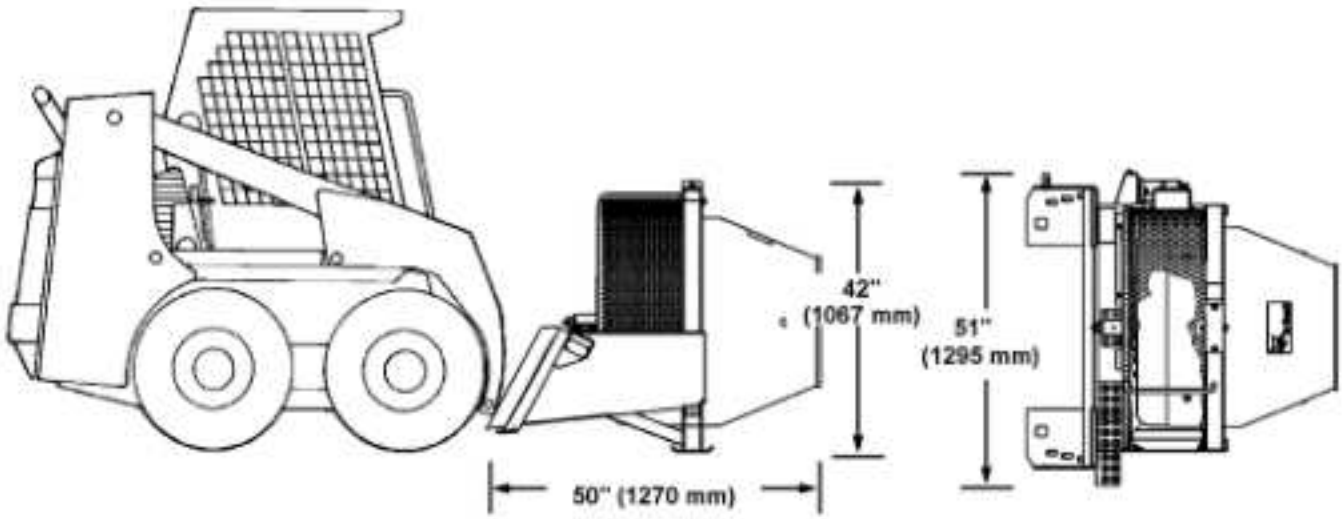
TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
Concrete Mixer does not seat properly on the Bob-Tach.	Bob-Tach pins are not fully retracted prior to installation.	Retract Bob-Tach pins before installing.
	Mud, dirt or stones are lodged between the Bob-Tach and the Concrete Mixer.	Remove debris between Bob-Tach and Concrete Mixer.
Loader will not start with Concrete Mixer removed.	Connector not installed on remote attachment control harness on the loader lift arm.	Install connector on wire harness.
Loader will not start with loader key switch with Attachment installed.	Engine stop switch on Remote Attachment Control engaged.	Turn the engine stop switch clockwise to reset the switch.
	Key switch on Remote Attachment Control in the run position.	Turn the key switch to the OFF position.
Loader will not start with the Remote Attachment Control key switch.	Engine stop switch on Remote Attachment Control engaged.	Turn the engine stop switch clockwise to reset the switch.
	Loader key switch in the run position.	Turn the loader key switch to the OFF position.
Mixer Drum does not turn.	No hydraulic flow.	Check quick couplers connection. Check for damaged hose ends and fittings.
		Engage loader front auxiliary hydraulics.
	Incorrect chain adjustment.	Adjust drive chain.
	Damaged sprockets and/or drive chain.	Repair or replace sprockets and drive chain.
Mixer Drum vibrates excessively.	Concrete Mixer not correctly attached to Bob-Tach.	Check for correct mounting of the Concrete Mixer to the Bob-Tach.
	Drum rollers worn.	Replace drum rollers.
	Rear shaft bent.	Replace shaft.
	Rear shaft bearing is worn or damaged.	Replace rear shaft bearing.

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SPECIFICATIONS

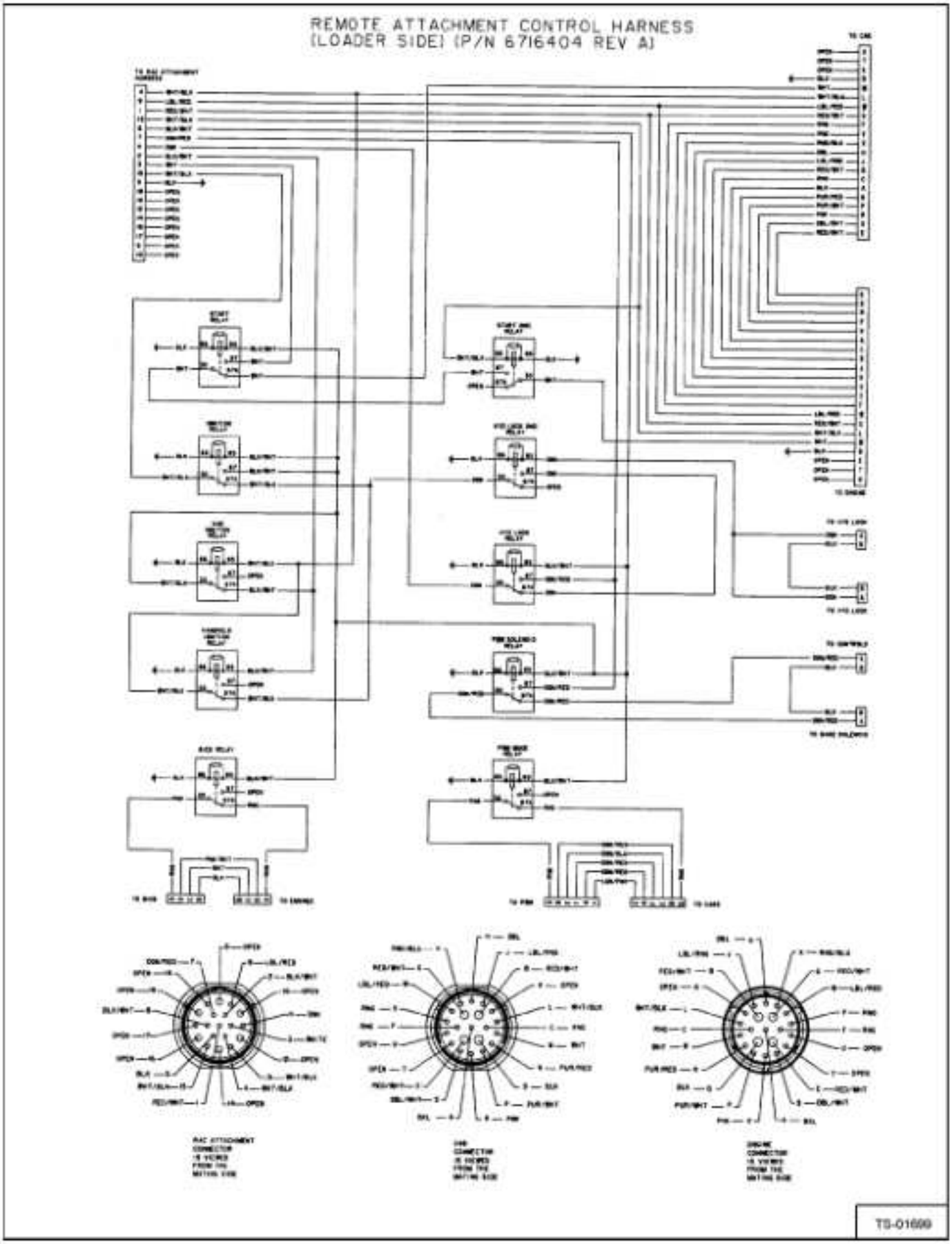
- Dimensions are given for loader equipped with standard tires. Dimensions may vary with other types. All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses
- Where applicable, specifications conform to **SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	(S/N 678500101 & Above)	(S/N A01600101 & Above)
Overall Attachment Width	49 in. (1244 mm)	51 in. (1295 mm)
Length	48 in. (1219 mm)	50 in. (1270 mm)
Height	41.5 in. (1054 mm)	42 in. (1067 mm)
Weight	590 lb. (268 kg)	430 lb. (195 kg)
Hydraulic Flow	9-20 GPM (34-76 lpm)	9-20 GPM (34-76 lpm)
Capacity	5.5 cu ft (0.16 cu. m)	9 cu ft (.25 cu m)
Rotation	Bi-rotational	Bi-rotational
Chain	#50 STD Roller	#50 Std roller
Drum Speed	20 rpm @ 11 GPM (42 lpm)	20 rpm @ 11 GPM (42 lpm)

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LOADER REMOTE ATTACHMENT CONTROL ELECTRICAL SCHEMATIC



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