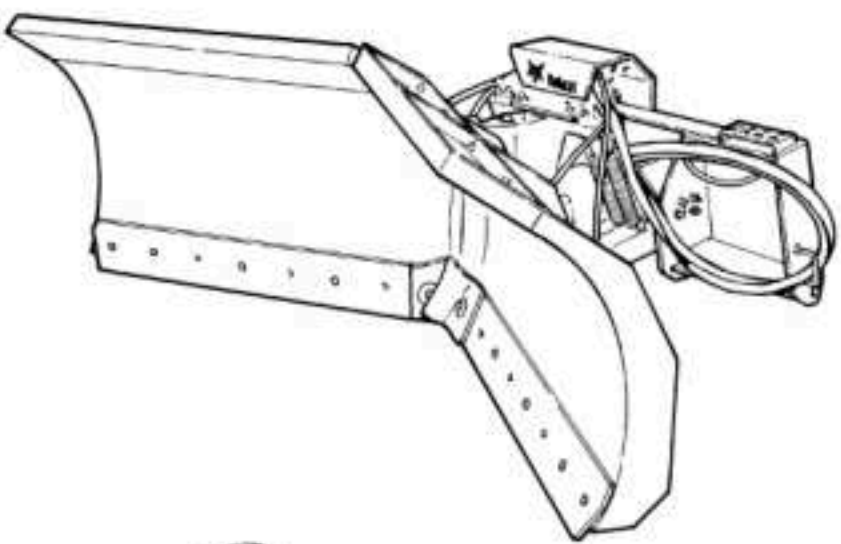
V - Blade

60 Inch-14 Pin
60 Inch-7 Pin
72 Inch
84 Inch
96 Inch
108 Inch

Bobcat®

Service Manual

(60 In.-14 Pin) S/N 083800101 & Above
(60 In.-7 Pin) S/N 084300101 & Above
(72 In.) S/N 083900101 & Above
(84 In.) S/N 084000101 & Above
(96 In.) S/N 084100101 & Above
(108 In.) S/N 084200101 & Above



Ingersoll Rand
Compact Vehicle Technologies

6902082 (2-06)

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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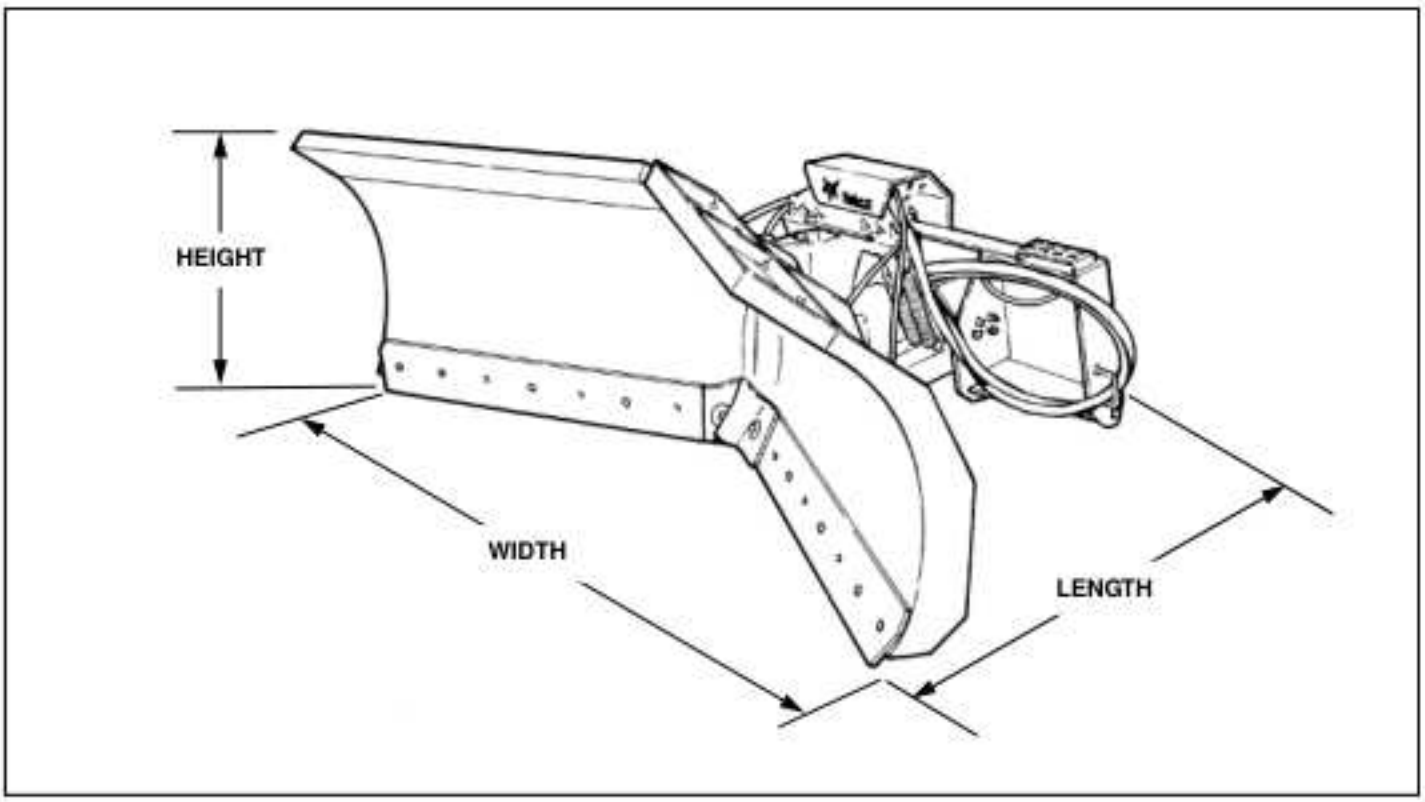
TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
Blades Will Not Angle	Auxiliary Hydraulics Not Engaged	Engage Auxiliary Hydraulics
	Hydraulic Connections Not Made	Connect Hydraulics
	Electrical Connection Not Made	Connect Electrical
Blade Trips To Easy	Trip Springs Loose	Tighten Trip Springs
Blade Trips Hard	Trip Springs To Tight	Loosen Trip Springs

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SPECIFICATIONS

- 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.

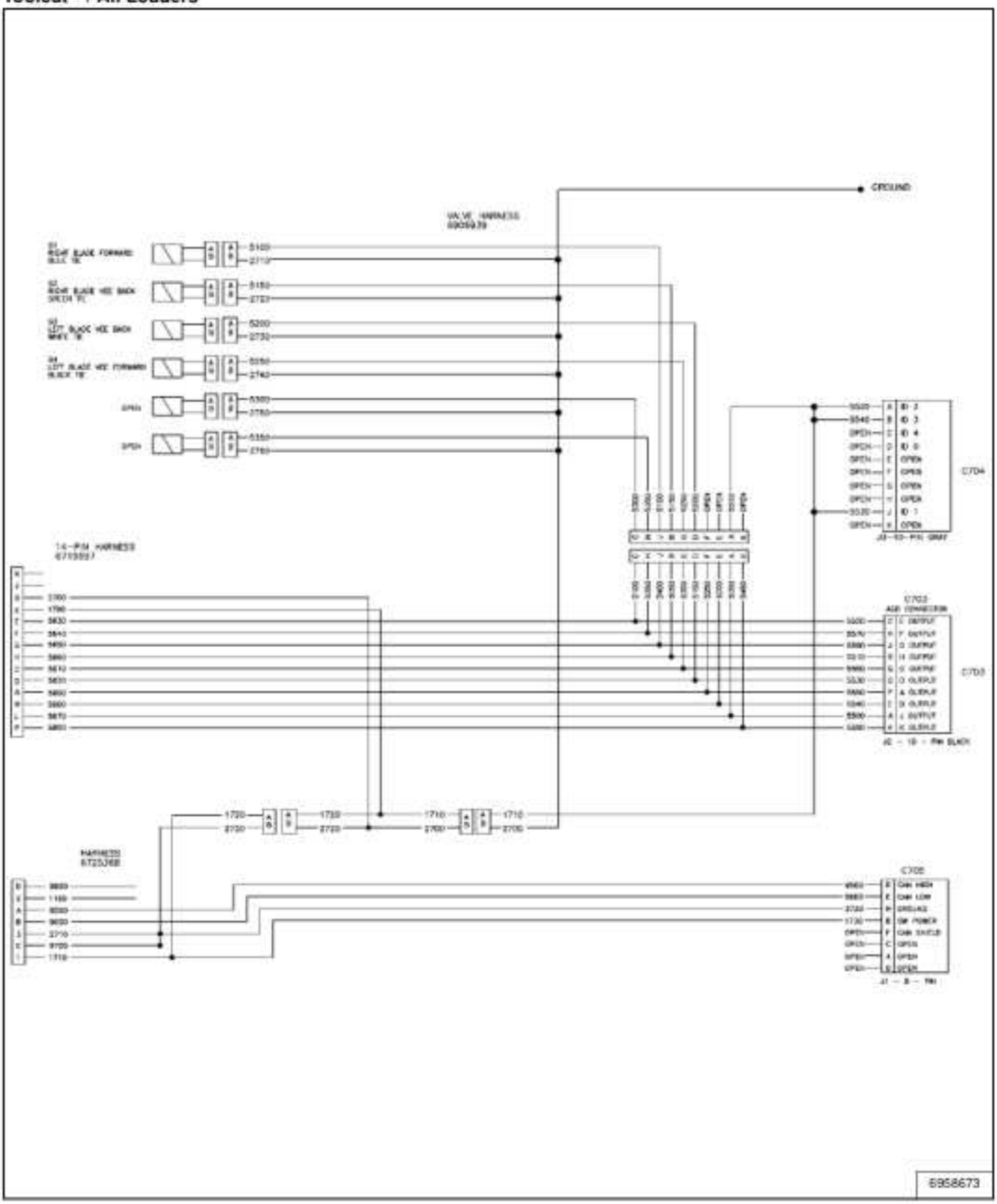


DESCRIPTION	V-BLADE 60	V-BLADE 72	V-BLADE 84	V-BLADE 96	V-BLADE 108
Shipping Weight	730 lb. (331 kg)	808 lb. (367 kg)	849 lb. (385 kg)	894 lb. (406 kg)	938 lb. (426 kg)
Operating Weight	660 lb. (300 kg)	738 lb. (335 kg)	779 lb. (354 kg)	824 lb. (374 kg)	868 lb. (394 kg)
Angle	30°	30°	30°	30°	30°
Straight Width	62 In. (1575 mm)	74 In. (1880 mm)	86 In. (2184 mm)	98 In. (2489 mm)	110 In. (2794 mm)
Straight Length	40 In. (1016 mm)	47.3 In. (1201 mm)	47.3 In. (1201 mm)	47.3 In. (1201 mm)	47.3 In. (1201 mm)
Angle Width	54 In. (1372 mm)	64 In. (1626 mm)	75 In. (1905 mm)	85 In. (2159 mm)	96 In. (2438 mm)
Height	28.5 In. (724 mm)	32.8 In. (833 mm)	32.8 In. (833 mm)	32.8 In. (833 mm)	32.8 In. (833 mm)
Electrical	7 or 14 - Pin	7 - Pin	7 - Pin	7 - Pin	7 - Pin
Minimum Flow Required	3 Gpm (11 L/min.)	5 Gpm (19 L/min.)	5 Gpm (19 L/min.)	5 Gpm (19 L/min.)	5 Gpm (19 L/min.)

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ELECTRICAL SCHEMATIC - 7-PIN CONNECTOR WITH 14-PIN ADAPTER HARNESS

Toolcat™/ All Loaders



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