

[Click here to get the complete manual](#)

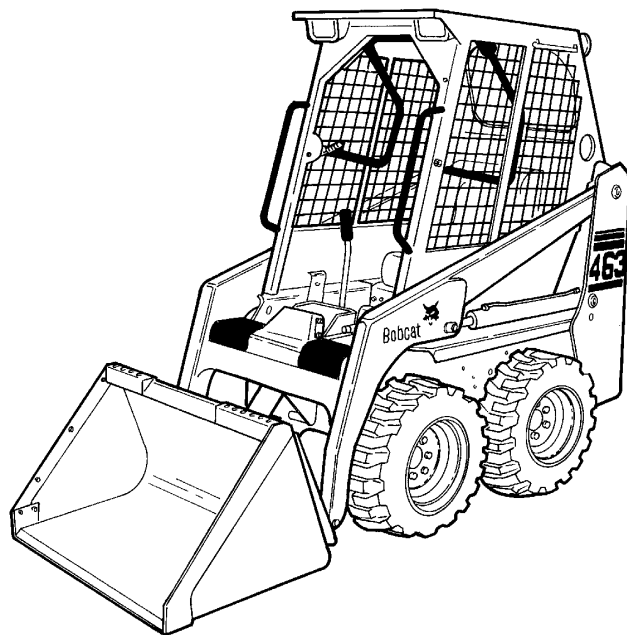
463



Bobcat®

Service Manual

**S/N 522211001 & Above
S/N 522111001 & Above**



Doosan purchased Bobcat Company from Ingersoll-Rand Company in 2007. Any reference to Ingersoll-Rand Company or use of trademarks, service marks, logos, or other proprietary identifying marks belonging to Ingersoll-Rand Company in this manual is historical or nominative in nature, and is not meant to suggest a current affiliation between Ingersoll-Rand Company and Bobcat Company or the products of either.

**EQUIPPED WITH
BOBCAT INTERLOCK
CONTROL SYSTEM (BICS™)**

IR Ingersoll Rand
Compact Vehicle Technologies
Printed in U.S.A.

ALPHABETICAL INDEX

AIR CLEANER	70-01	HYDRAULIC FLUID SPECIFICATIONS	SPEC-01
AIR CLEANER SERVICE	10-01	HYDRAULIC PUMP	20-01
ALTERNATOR	60-01	HYDRAULIC RESERVOIR	20-01
AUXILIARY CONTROL LOCKBOLT	10-01	HYDRAULIC SYSTEM INFORMATION	20-01
		HYDRAULIC/HYDROSTATIC SYSTEM	10-01
BASCI TROUBLESHOOTING	80-01	HYDROSTATIC MOTOR	30-01
BATTERY	60-01	HYDROSTATIC PUMP	30-01
BICS™ SYSTEM (WITH PRESS TO OPERATE BUTTON)	60-01	HYDROSTATIC SYSTEM INFORMATION	30-01
BICS™ SYSTEM CONTROLLER	60-01		
		INSTRUMENT PANEL	60-01
BOB-TACH	10-01, 50-01		
		LIFT ARMS	50-01
CHAINCASE	40-01	LIFT ARM BY-PASS VALVE	20-01
CHARGE PRESSURE	30-01	LIFT ARM SUPPORT DEVICE	10-01
COMPONENTS	80-01	LIFTING AND BLOCKING THE LOADER	10-01
CONTROLS	20-01	LIGHTS	60-01
CONTROL PANEL	30-01	LOADER SPECIFICATIONS	SPEC-01
CONVERSIONS	SPEC-01	LUBRICATING THE BOBCAT	10-01
COOLING FAN	70-01		
CYLINDER(S)	20-01		
		MAIN RELIEF VALVE	20-01
DRIVE BELT	30-01	MUFFLER	70-01
DRIVE COMPONENTS	40-01		
		OPERATOR CAB	10-01, 50-01
ELECTRICAL SYSTEM INFORMATION	60-01	OPERATOR SEAT	50-01
ENGINE	70-01		
ENGINE COMPONENTS AND TESTING	70-01	PARKING BRAKE	40-01
ENGINE COOLING SYSTEM	10-01	PIVOT PINS	10-01
ENGINE LUBRICATION SYSTEM	10-01		
ENGINE MOUNTING BRACKET	70-01	RADIATOR	70-01
ENGINE SPECIFICATIONS	SPEC-01	REAR AXULIARY DIVERTER	20-01
ENGINE SPEED CONTROL	70-01	REAR DOOR	50-01
		REAR WINDOW	50-01
FAN	70-01	RECONDITIONING THE ENGINE	70-01
FINAL DRIVE TRANSMISSION (CHAINCASE)	10-01	REGULAR MAINTENANCE	80-01
FLYWHEEL	70-01	REMOTE START SWITCH	10-01
FUEL SYSTEM	10-01		
FUEL TANK	50-01	SEAT BAR RESTRAINT SYSTEM	10-01
		SEAT BAR	50-01
HEATER UNIT	80-01	SEAT BAR SENSOR	60-01
HEATER COIL	80-01	SERVICE SCHEDULE	10-01
HEATER FAN	80-01	SPARK ARRESTOR MUFFLER	10-01
HEATER VALVE	80-01	STARTER	60-01
HYDRAULIC CONNECTION SPECS	SPEC-01	STEERING	30-01
HYDRAULIC CONTROL VALVE	20-01	SYSTEM TROUBLESHOOTING CHART	80-01
HYDRAULIC FILTER	20-01		
		TIRE MAINTENANCE	10-01
		TORQUE SPECIFICATIONS FOR BOLTS ...	SPEC-01
		TOWING THE LOADER	10-01
		TRACTION LOCK	60-01
		TRANSPORTING THE LOADER	10-01
		TROUBLESHOOTING	70-01