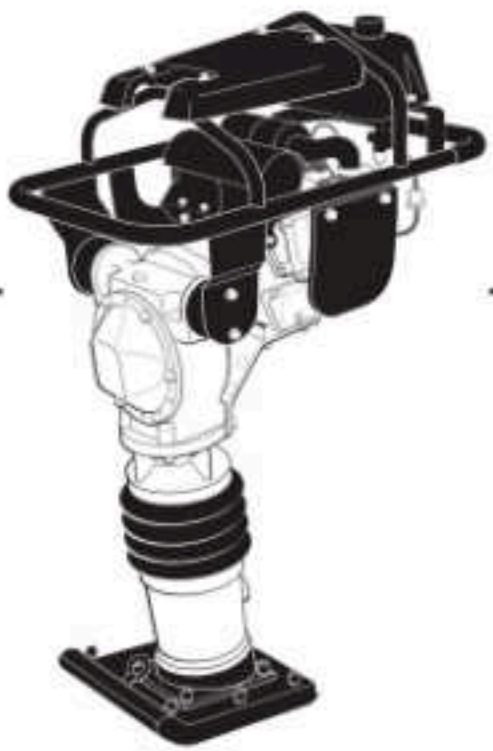
TAMPER RAMMER BR72

Bobcat®

Operation And Maintenance And Parts Manual



An Ingersoll-Rand business
Printed in U.S.A.

6902031 (3-03) Revised (2-04)

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BR72 TAMPER RAMMER
OPERATION AND MAINTENANCE MANUAL
COMMUNICATION NO. 6909031

This manual should be used with all related supplemental books, engine and transmission manuals, and part books. Related Service Bulletins should be reviewed to provide information regarding some of the recent changes.

If any questions arise concerning this publication or others, contact your local distributor for the latest available information.

Contents of this manual are based on information in effect at the time of publication and are subject to change without notice.

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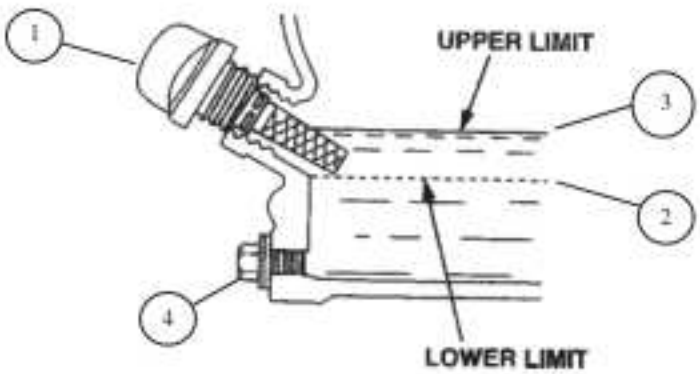
CHECK AND CHANGE ENGINE OIL

Before checking or refilling engine oil, be sure the machine is located on a stable level surface and stopped.
When checking oil do not thread the oil gauge (1, Figure 9-1) into oil filler to check oil level. If the oil level is below the lower level (2, Figure 9-1) line, refill with the proper oil to the upper level (3, Figure 9-1)(to the neck of oil filler).

When changing oil, stop the engine, loosen the drain plug (4, Figure 9-1), reinstall the drain plug before refilling oil.
Add new oil at the oil gague (1, Figure 9-1) port.

Always use the best grade and clean oil. Contaminated oil, poor quality oil and shortage of oil cause damage to engine or shorten the engine life.

Figure 9-1



Changing and filling:

Capacity of engine oil	0.6 liters (0.63 US quarts)
Recommend engine oil	SAE 10W30

Use class SE, SF (API classification) or higher grade oil.

Initial oil change ..... After 20 hours of operation.
Thereafter ..... Every 50 hours of operation.

LUBRICATION OF MAIN BODY

Check the Main Body oil level with the oil gauge before operation. Change oil after the first 50 hours and every 200 hours. See Section 11.

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TROUBLESHOOTING

1) Engine fails to start.

a) Spark plug is defective	Clean or replace.
b) Air in the fuel system.	Bleed air completely.
c) Fuel tank is empty.	Refuel
d) Fuel Strainer is clogged	Clean or Relpace.
d) Carburetor is clogged.	Clean or replace, if necessary.
e) Excessive fuel.	Open fuel drain cock and excess fuel. Clean spark plug.

2) Engine runs irregularly.

a) Fuel line sucks air.	Retighten the fuel pipe joints and bleed air.
b) Air cleaner is clogged.	Clean air cleaner or replace element.
c) Engine stalls during operation.	Clean fuel system and retighten the fuel pipe joints.
d) Low compression.	Replace head gasket or retighten spark plug.

3) Machine fails to jump.

a) Incorrect setting RPM of engine.	Adjust
b) Throttle cable is slacked.	Adjust
c) Centrifugal clutch is slipped.	Overhaul or replace if necessary.

4) Machine jumps irregulary or vibrates only.

a) Centrifugal clutch is slipped.	Overhaul or replace if necessary.
b) Coil spring is fatigued.	Replace
c) Excessive oil level.	Correct
d) Improper oil viscosity	Check oil viscosity, change if necessary.

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SECTION 16 - SCHEMATICS

NOTE

** No Schematics are necessary for this unit. **

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ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
2	IR59244673	Governor Arm	1	
3	IR59244681	Governor Rod	1	
4	IR59244699	Governor Spring	1	
5	IR59244707	Throttle Return Spring	1	
9	IR59244715	Control Assembly	1	
		(includesitems10,11,12,13,14,16,17,18,24,29,30)		
10		-Control Lever	1	
11	IR59244723	-Lever Spring	1	
12		-Lever Washer	1	
13		-Cable Holder	1	
14		-Spacer	1	
16		-Control Base	1	
17	IR59244731	-Adjusting Spring	1	
18	IR59244749	-Cable Return Spring	1	
19		Wire Holder	1	
22	IR59244756	Flange Bolt	1	M6 x 12mm
23	IR59244764	Flange Bolt	1	M6 x 20mm
24		Locknut	1	6mm
26		Circlip	1	5mm
27	IR59244772	Governor Arm Bolt	1	
28		Pan Screw	1	M4 x 6mm
29		Pan Screw	1	M5 x 25mm
30		Pan Screw	1	M5 x 16mm
31	IR59244780	Flange Nut	1	6mm

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SECTION 11 - 200 HOUR OR QUARTERLY ROUTINE MAINTENANCE

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LUBRICATION OF MAIN BODY ____ 1

LUBRICATION OF MAIN BODY

Check:: Check the oil level with the oil gauge before each operation.

Capacity of oil ..... 0.9 liters (0.95 US quarts)

Recommended oil ..... SAE 10W30

Initial change ..... After first 50 hours of operation.

Regular change ..... Every 200 hours of operation.

To change oil ..... Remove the plug. Drain out the oil and fill with the fresh oil. After fill with the fresh oil, check each part for the oil leak.



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