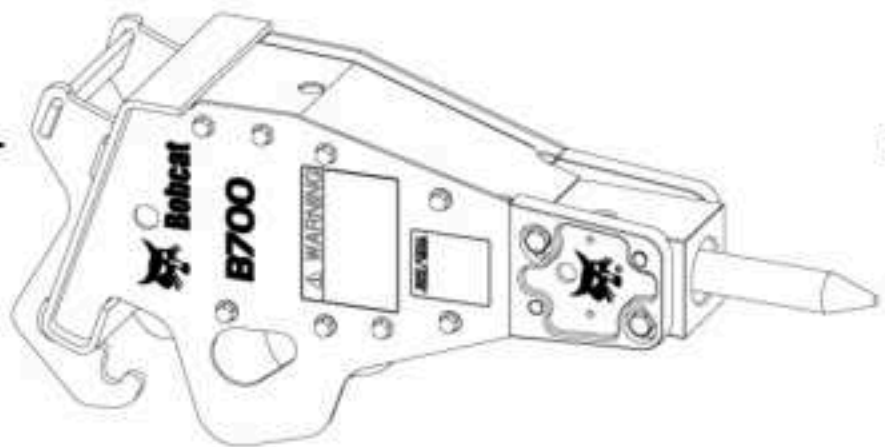
Hydraulic Breaker

B700
B850
B950
B1400

Bobcat®

Service Manual

S/N 733200101 & Above
S/N 794000101 & Above
S/N 797000101 & Above
S/N 797100101 & Above



Ingersoll Rand
Compact Vehicle Technologies

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B700 HYDRAULIC BREAKER

B850/B950 HYDRAULIC BREAKER

B1400 HYDRAULIC BREAKER

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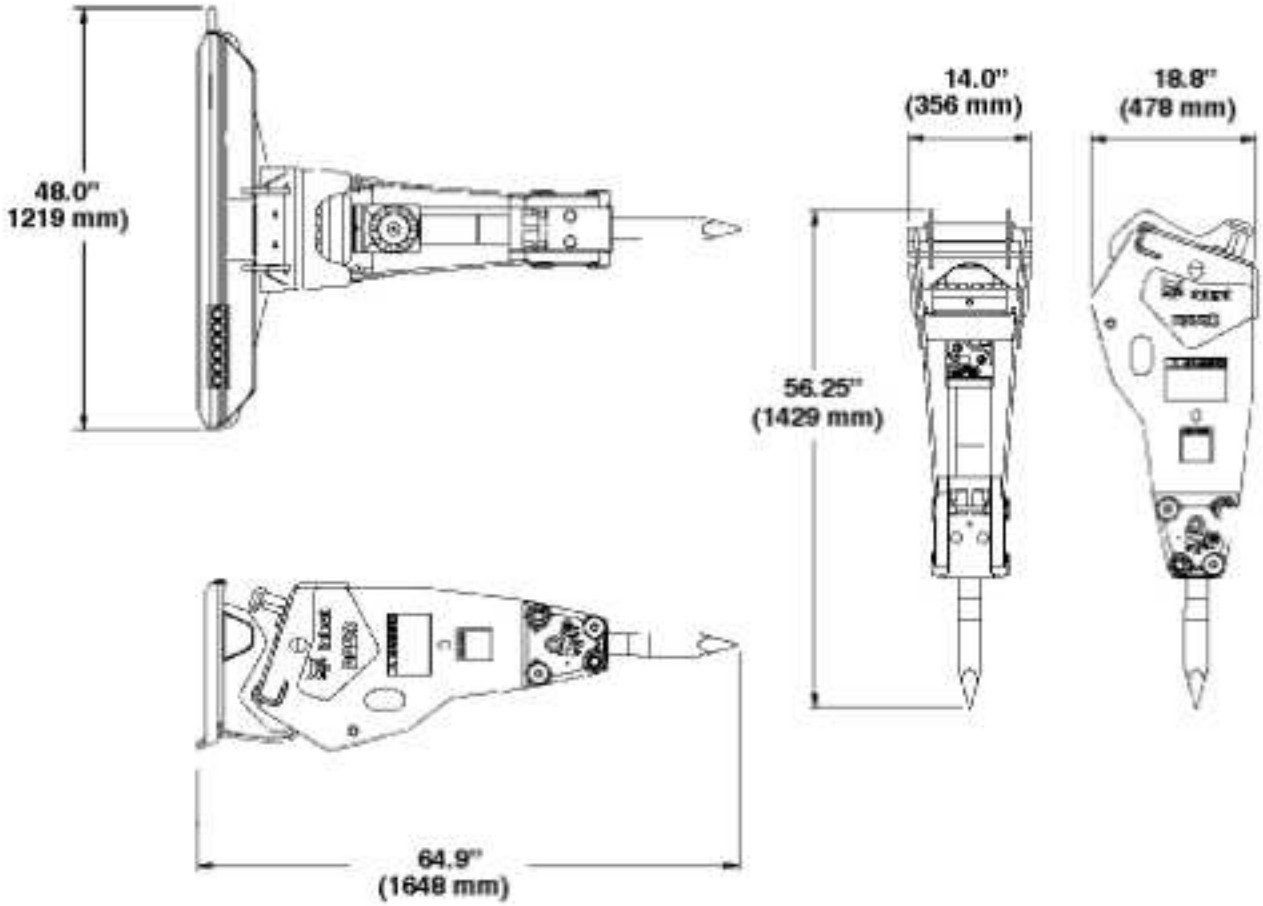
CALIFORNIA
PROPOSITION 65 WARNING

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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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.



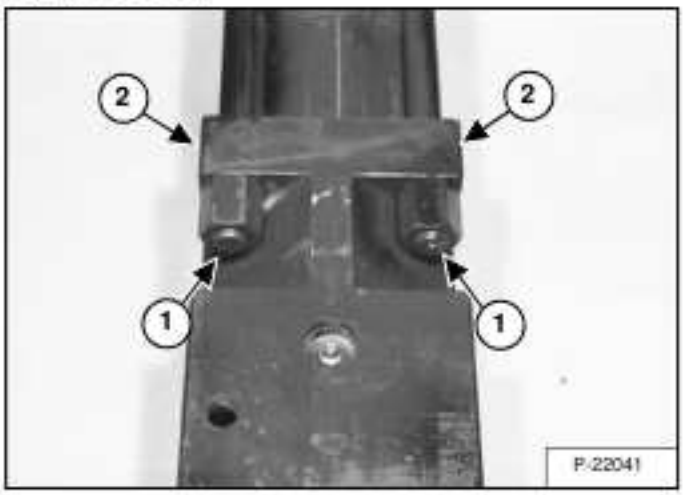
B850 Hydraulic Breaker

Weight	
With Excavator Mount	620 lb. (281 kg)
With Loader Mount	823 lb. (373 kg)
Blow Rate	1085 BPM @ 17.7 GPM (67 L/min.)
Hydraulic Flow	10.6 - 17.7 GPM (40-67 L/min.)
Operating Pressure	1740 PSI (11,997 kPa)
Bit Diameter	2.4 in. (610 mm)
Bit Working Length	11.0 in. (279 mm)
Bits Available	Conical
	Nail
	Inline Chisel
	Cross Cut Chisel
	Blunt
	Tamping Pad
	Inline Asphalt Cutter
	Crosscut Asphalt Cutter
	Wide Inline Chisel
	Wide Crosscut Chisel

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Assembly (Cont'd)

Figure 30-20-64



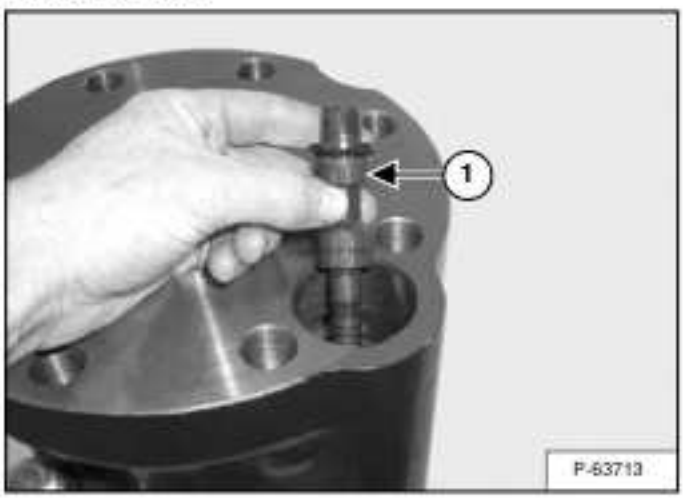
Install the 4 nuts (Item 1) **[Figure 30-20-64]**.

Tighten the nuts to 150 ft.-lb. (200 N•m) using a criss cross pattern.

After tightening the nuts to 150 ft.-lb. (200 N•m) torque, tighten the nuts an additional 2 wrench flats.

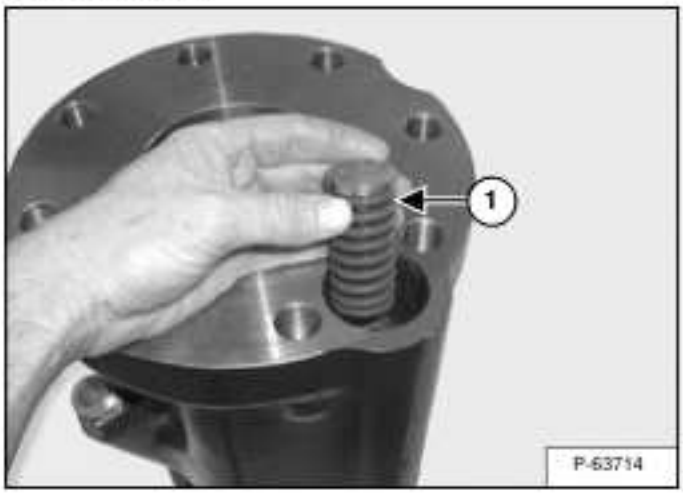
After final tightening, check the position of the nuts. The wrench flats of the nuts must be flush with the side face of the front guide (Item 2) **[Figure 30-20-64]**. Tighten the nuts as needed.

Figure 30-20-65



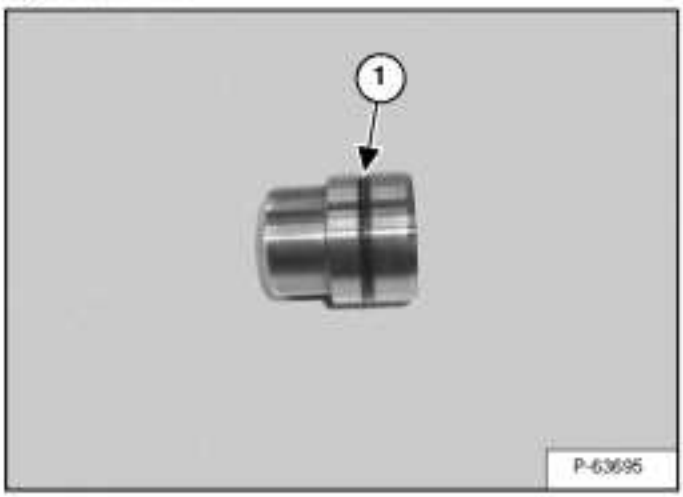
Install the spool (Item 1) **[Figure 30-20-65]**.

Figure 30-20-66



Install the spring and stop (Item 1) **[Figure 30-20-66]**.

Figure 30-20-67



Install the O-ring (Item 1) **[Figure 30-20-67]** on the plug.

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