

BV13-177 and BV17-177 series

Battery-Powered Installation Tools

Instruction Manual



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Description

The newest Huck® RangeForce™ BV13 & BV17 battery tools take portable fastener installation to another level. These battery tools deliver durable performance anywhere along the production line or in the field for towers, solar racks and more. Designed by Makita® to fit their latest 40 V battery technology, you can use these tools to install leading Huck Fasteners without being tethered to pneumatic or hydraulic power. These tools feature electronically adjustable pull force control and removable side handle for ease of use. Kit includes: tool, two 5.0 Ah batteries, charger and carrying case.



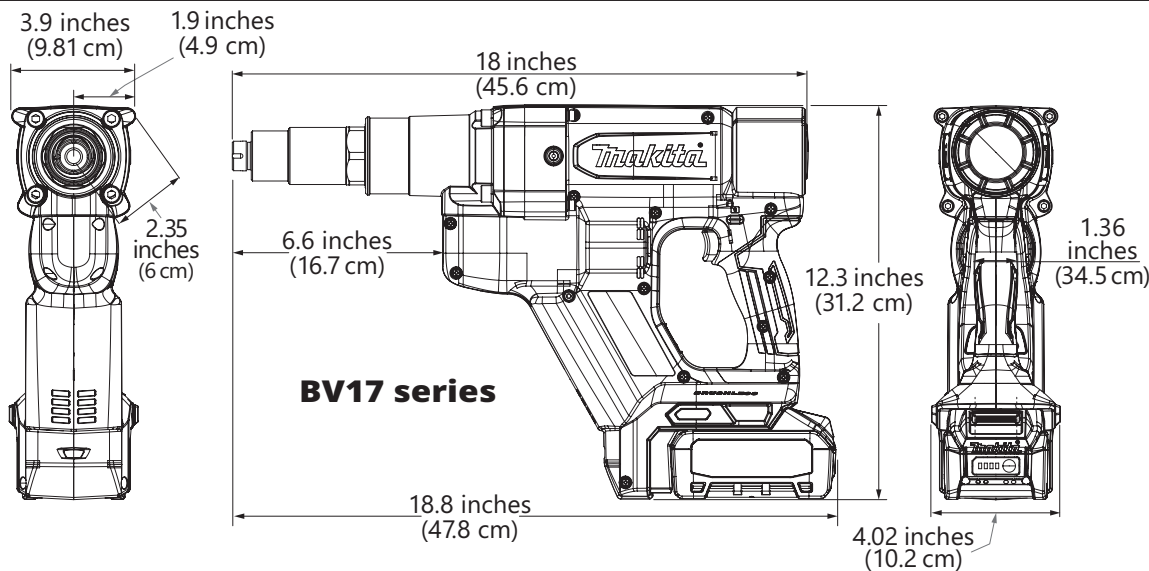
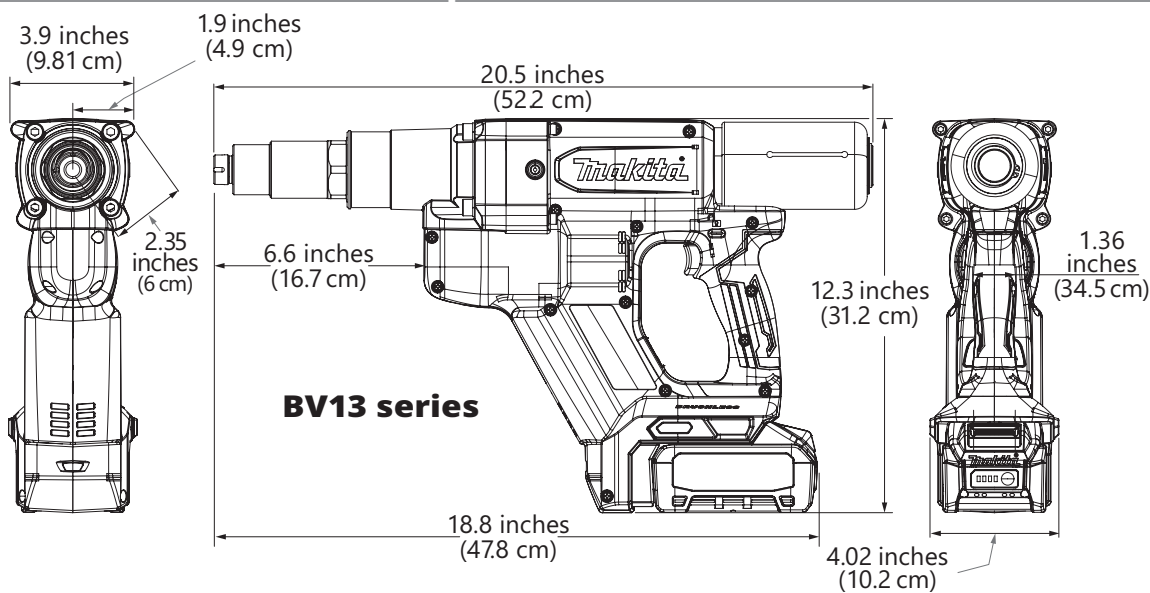
BV13 series:

The BV13-177 tools utilize powerful 13,000 lbf pulling force that go anywhere you need to install Huck® structural blind fasteners up to 1/2" in diameter.

BV17 series:

The BV17-177 tools utilize powerful 17,000 lbf pulling force that go anywhere you need to install 2-piece HuckBolts® fasteners up to 14mm (.55" in) diameter.

Specifications





Specifications continued...

DESCRIPTION		DETAIL	
BV13	PULLING FORCE	13,000 lbf	56 kN
	WEIGHT (with 5.0 Ah Battery)	19.7 lbs	8.94 kg
	PULLING FORCE	17,000 lbf	76 kN
BV17	WEIGHT (with 5.0 Ah Battery)	18.7 lbs	8.48 kg

DESCRIPTION	DETAIL
CAPACITY	5/16" (8.0 mm) - 1/2" (12.8 mm)
STROKE LENGTH	1.77 inches 45mm
BATTERY PACK	40 V / Li-ion/5.0 Ah
RECHARGE TIME	5.0 Ah Battery* - 40 minutes

* Makita 5.0 Ah battery available separately

BV13

NOSEPIECE PART NO.	FASTENER
99BOM-10-IRBU	5/16" BOM®
99BOM-12-IRBU	3/8" BOM®
99C6L-10-IRBU	5/16" C6L/C120L
99C6L-12-IRBU	3/8" C6L/C120L
99MGL-12-IRBU	3/8" Magna-Lok®
99MGL-M11-IRBU	11 mm Magna-Lok®
99MGC-10-IRBU	5/16" Magna-Grip®
99MGC-12-IRBU	3/8" Magna-Grip®
99BT-16-IRBV	1/2" BobTail®
99BT-16-CRBV	Cutter 1/2" BobTail®
99BT-M12-IRBV-X	12 mm BobTail®
99BT-M12-CRBV	Cutter 12 mm BobTail®

BV13-177 RECOMMENDED SETTINGS	
SET POINT RANGE	FASTENER
999	5/16" C6L/C120L
	5/16" Magna-Grip®
	11 mm Magna-Lok®
	5/16" BOM®
	1/2" Magna-Lok®
	3/8" Magna-Lok®
	3/8" C6L/C120L
	3/8" Magna-Grip®
	3/8" BOM®
TBD**	1/2" BobTail®

BV17

NOSEPIECE PART NO.	FASTENER
99BMT-16-IRBV	1/2" BOMTail®
99BT-16-IRBV	1/2" BobTail®
99BMT-16-CRBV	Cutter 1/2" BobTail®
99BT-M12-IRBV-X	12 mm BobTail®
99BT-M12-CRBV	Cutter 12 mm BobTail®
99BT-M14-IRBV-X	14 mm BobTail®
99BT-M14-CRBV	Cutter 14 mm BobTail®

BV17-177 RECOMMENDED SETTINGS*	
SET POINT RANGE	FASTENER
275 - 350†	12 mm BobTail®
570	14 mm BobTail®
550 - 600	1/2" BOMTail®
TBD**	1/2" BobTail®

*All values from the above chart are suggested starting points – may need to be adjusted based on coating options, tooling age, and environment. High-strength fasteners which require elevated installation loads will therefore require increased tool service frequency. If application validation requires additional endurance at expense of ergonomics and portability, a pneudraulic or hydraulic tool may be preferred. † Collar hardness impacts pull force relationship.

**TBD - To Be Determined

Tool Packages and Accessories

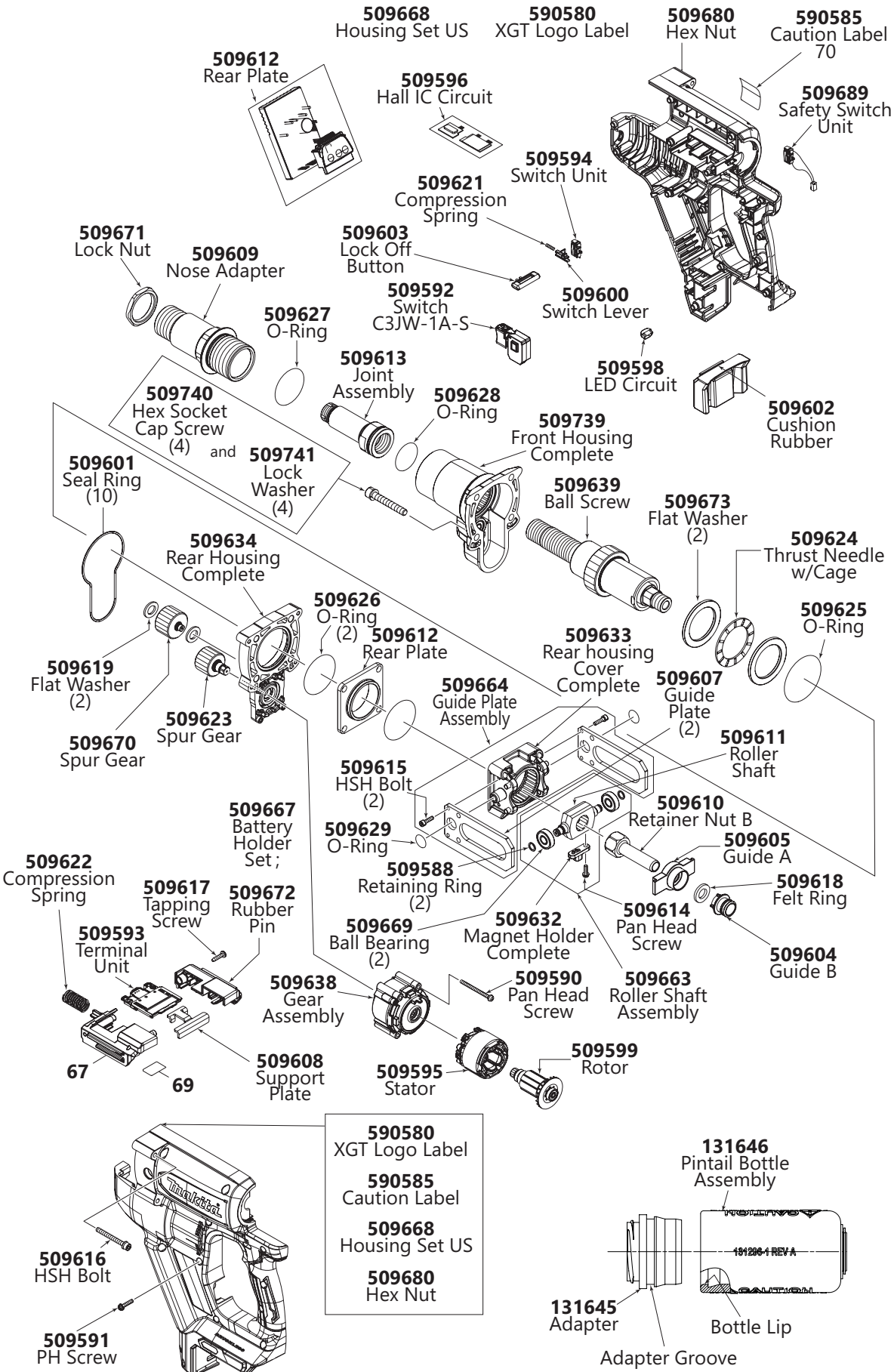
PART NO.	DESCRIPTION
BV13-177-K0	13,000 lbf Battery Tool and Carrying Case
BV13-177-K2	13,000 lbf Battery Tool, Two 5.0 Ah Batteries, One Charger, and Carrying Case
BV17-177-K0	17,000 lbf Battery Tool and Carrying Case
BV17-177-K2	17,000 lbf Battery Tool, Two 5.0 Ah Batteries, One Charger, and Carrying Case
MB-4050	Extra Battery, 40 V, 5.0 Ah
MCH-40-120	Battery Charger, 40 V, 120 V input



Battery Charger

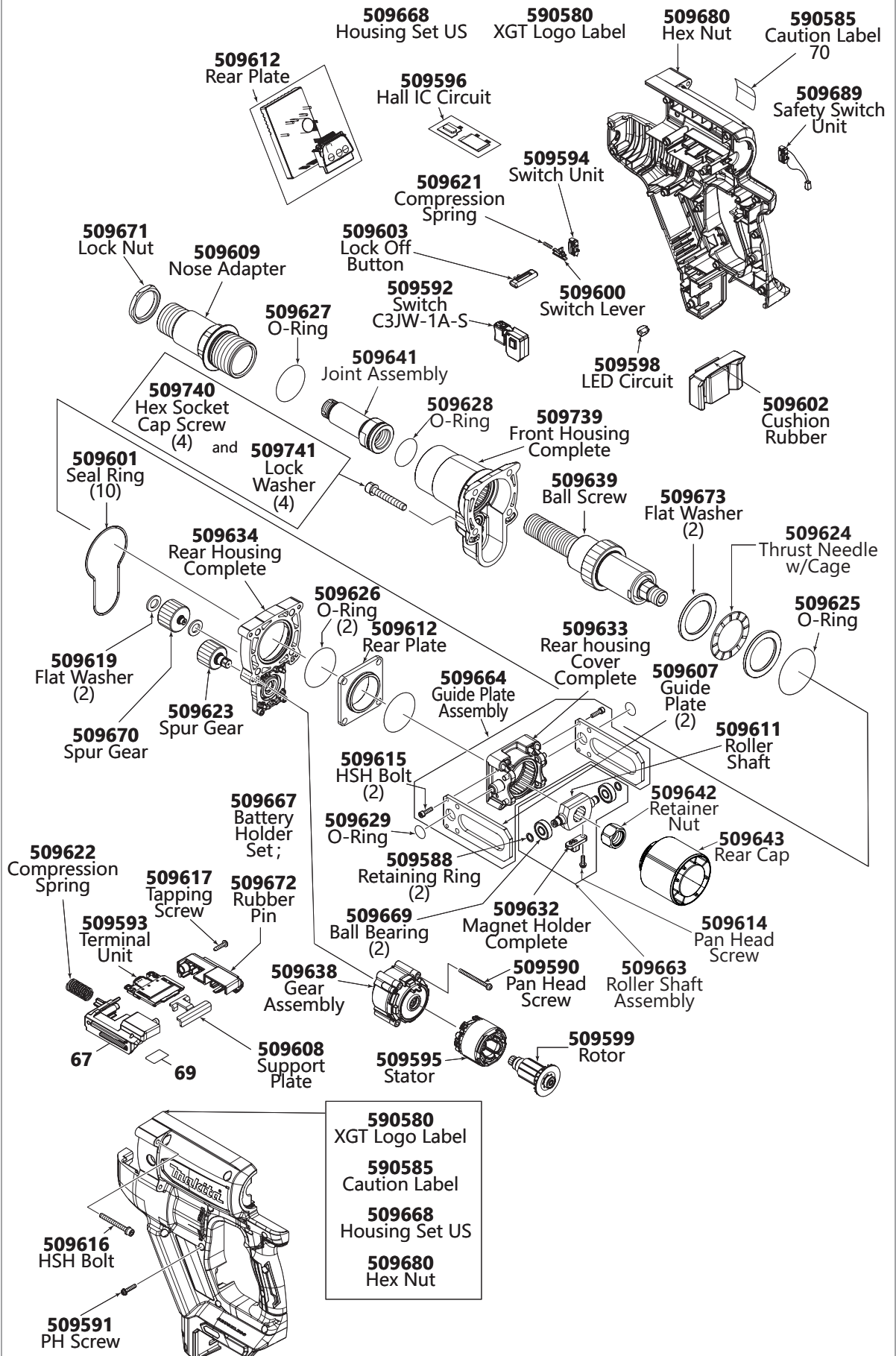


BV13-177 Component Drawings





BV17-177 Component Drawings





Notes



Limited Warranties

Limited Lifetime Warranty on BobTail® Tools:

Huck International, Inc. warrants to the original purchaser that its BobTail® installation tools manufactured after 12/1/2016 shall be free from defects in materials and workmanship for its **useful lifetime**. This warranty does not cover special order / non-standard products, or part failure due to normal wear, tool abuse or misapplication, or user non-compliance with the service requirements and conditions detailed in the product literature.

Two Year Limited Warranty on Installation Tools:

Huck International, Inc. warrants that its installation tools and Powerig® hydraulic power sources manufactured after December 1, 2016 shall be free from defects in materials and workmanship for a period of two years from date of purchase by the end user. This warranty does not cover special order / non-standard products, or part failure due to normal wear, tool abuse or misapplication, or user non-compliance with the service requirements and conditions detailed in the product literature.

90 Day Limited Warranty on Nose Assemblies and Accessories:

Huck International, Inc. warrants that its nose assemblies and accessories shall be free from defects in materials and workmanship for a period of 90 days from date of purchase by the end user. This warranty does not cover special clearance noses, or special order / non-standard product, or part failure due to normal wear, abuse or misapplication, or user non-compliance with the service requirements and conditions detailed in the product literature.

Useful lifetime is defined as the period over which the product is expected to last physically, up to the point when replacement is required due to either normal in-service wear, or as part of a complete overhaul. Determination is made on a case-by case basis upon return of parts to Huck International, Inc. for evaluation.

Tooling, Part(s) and Other Items not manufactured by Huck:

HUCK makes no warranty with respect to the tooling, part(s), or other items manufactured by third parties. HUCK expressly disclaims any warranty expressed or implied, as to the condition, design, operation, merchantability, or fitness for use of any tool, part(s), or other items thereof not manufactured by HUCK. HUCK shall not be liable for any loss or damage, directly or indirectly, arising from the use of such tooling, part(s), or other items or breach of warranty or for any claim for incidental or consequential damages.

Huck shall not be liable for any loss or damage resulting from delays or non-fulfillment of orders owing to strikes, fires, accidents, transportation companies or for any reason or reasons beyond the control of the Huck or its suppliers.

Huck Installation Equipment:

Huck International, Inc. reserves the right to make changes in specifications and design and to discontinue models without notice.

Huck Installation Equipment should be serviced by trained service technicians only.

Always give the serial number of the equipment when corresponding or ordering service parts.

Complete repair facilities are maintained by Huck International, Inc. Please contact one of the offices listed below.

Eastern

One Corporate Drive
Kingston, New York 12401-0250
Telephone (845) 331-7300
FAX (845) 334-7333

Outside USA and Canada

Contact your nearest Huck International location (see reverse).

In addition to the above repair facilities, there are Authorized Tool Service Centers (ATSC's) located throughout the United States. These service centers offer repair services, spare parts, Service Parts Kits, Service Tool Kits and Nose Assemblies. Please contact your Huck Representative or the nearest Huck International location (see reverse) for the ATSC in your area.



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