

Hand Hydraulic Riveter

POWERFUL

VERSATILE

LIGHTWEIGHT

COMPACT

Over 4,000 lbs of Pulling Force

Requires No External Power



Since their introduction in 1983 the FSI Blind Fastener Installation Tools have become a standard in the aircraft/aerospace industry. Designed to meet the varied blind fastening needs of the aircraft repair specialist, the D-100 Series Hand Hydraulic Riveter provides a unique blend of power, versatility and compact size never before available in one hand tool. Virtually any straight pull (single action) blind fastener with a required installation load of 4,200 lbs or less can be installed with the D-100 Series Riveter. Although it is most often used to install CherryMax® rivets and blind rivet nuts, a wide variety of adapters, nosepieces and special pulling heads are available to enable the user to efficiently install blind rivets in the most demanding situations.

The D-100 Series Riveters utilize a patented, two valve, cylindrical hydraulic pump assembly which is actuated by the movement or pumping of the handle. Unlike most riveting tools the D-100 Series Riveter's collet/jaw assembly in the case of blind rivets, or master shaft/pull-up stud assembly in the case of blind nuts, remains stationary while the outer sleeve of the nose assembly is hydraulically moved forward until sufficient loads are obtained to cause the upsetting of the fastener.

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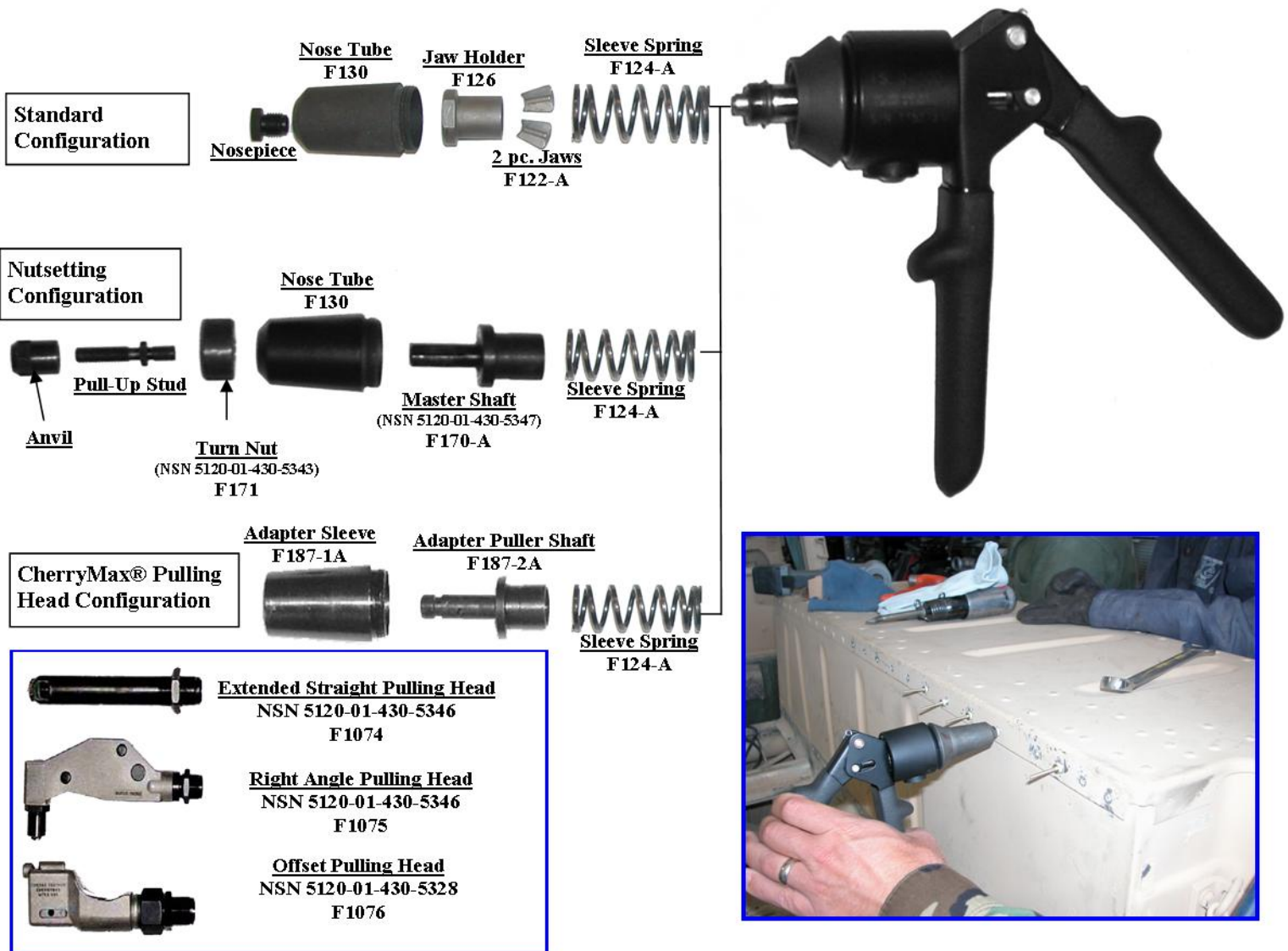
Contract #
 GS-06F-0009L

D-100 Specifications:

Pulling Force:	4,200 lbs
Stroke:	.625"
Overall Dimensions:	6 1/4" H x 5 3/8" L x 1 3/4" W
Power Source:	Hand Operated, Two Valve Cylindrical Hydraulic Pump Assembly with Pressure Relief Valve.

D-100 Tool Configurations

Because of its versatility the D-100 may be utilized to install a variety of blind fasteners. Some of the typical special pulling head adapter configurations are depicted below. For blind riveter styles not depicted please consult the factory for nosepiece and/or adapter part number information. The D-100 may be used with any of the nosepieces and accessories supplied in the PT-100, PT-3000 and D-700 kits.



Installs All CherryMax® and Huck-Clinch® thru 1/4" Dia.

Adaptable for Rivnuts®

REQUIRING NO EXTERNAL POWER, the D-100 Series Riveters are ideally suited for any limited production or repair operation. Because of their lightweight and compact size the riveters can be used in limited access areas where other riveters often require very costly adaptive tooling.