

	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #5 Tools and Equipment
Date: May 2018	TOPIC TITLE:	Total Pages: 5
Section #: 5	Prying Type Tools	Topic #: 2

PRYING TYPE TOOLS

This section includes the following tools and/or equipment:

- Straight Pry Bar
- Halligan Tool
- Hux Bar

STRAIGHT PRY BAR:

Description:

- Straight or Standard Bars consist of a set of (3) bars – small, medium and large.
- These bars are carried on all truck companies

Use and/or Operation:

- They are used for prying, forcing and other forms of work requiring great leverage.
- The longer the bar, the greater the leverage.

Maintenance:

- . The bar should be kept clean and free of rust



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Date: May 2018	TOPIC TITLE:	Total Pages: 5
Section #: 5	Prying Type Tools	Topic #: 2

HALLIGAN TOOL:



Description:

The Halligan Tool is probably the most beneficial and practical forcible entry tool in our inventory. It is very useful in forcible entry, overhauling and ventilation. Each ladder company carries (2) halligan tools and every engine company carries (1) halligan tool. One of the halligan tools on the truck company should be carried as a set, called a "Set of Irons" The forcible entry tool incorporates (3) different tools, they are:



ADZ – used to pry open doors and windows

PICK – used to make holes in glass and can be driven into roofing material to provide an additional foothold during ventilation and roof operations.

The blunt end near the ADZ & PICK can be used for striking.



CLAW – used to pry open doors and windows, pull nails, pry apart various objects, turn off gas valves

	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #5 Tools and Equipment
Date: May 2018	TOPIC TITLE:	Total Pages: 5
Section #: 5	Prying Type Tools	Topic #: 2

Use and/or Operation:

The halligan tool is most beneficial when carried as a set with the flat head axe. When carried as a set, the set is referred to as a “SET OF IRONS”. In order to be most effective, the flat head axe is used to strike the halligan when performing forcible entry operations. This is used to better perform a bite on an object when forcing a door.



Maintenance:

- The bar should be kept clean
- The blade on the adz end should be kept even, free of burs and somewhat sharp.

	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #5 Tools and Equipment
Date: May 2018	TOPIC TITLE:	Total Pages: 5
Section #: 5	Prying Type Tools	Topic #: 2

HUX BAR:

Description:

The hux bar is a metal bar with a forked bar on one end and a curved, angled tip on the other. It can be used for a variety of functions, similar to the halligan tool. It is very useful in forcible entry, overhauling and ventilation. Below the forked end is a flat “axe” shaped section that can be used for chopping as a last resort.

These bars are some of the oldest in our inventory and (1) bar is carried on all companies.



Fork End and “Chopping Section”



Round Angled Tip

Use and/or Operation:

- Forcing Open Doors (inward and outward)
- Driving hinge pins
- Forcing Padlocks and hasps
- Opening walls
- Removing Trim and moldings
- Breaking Glass

Maintenance:

Keep clean and free of rust.

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Section #: 5	Prying Type Tools	Topic #: 2

New York Hook:

Description:

The New York Hook is a 6' tubular bar with a curved, angled hook and a 90 degree offset point on one end and a gas valve shut-off on the other end. It is strong enough to be used as a prying tool and heavy enough to be used as a piercing/striking tool. Central Stores has coated the shaft of the tool with a durable phosphorescent epoxy. The tool comes with an impact/shock reducing foam sleeve covering approximately ½ of the shaft.

TRUCK COMPANIES ARE ISSUED AN 8' FOR THE ROOF, 6' AND 4' FOR THE INTERIOR. NEW NY HOOKS HAVE CHISEL ENDS INSTEAD OF GAS SHUTOFF ENDS.



Uses:

The New York Hook can be used as a prying tool to force doors and windows. It can also be used as a ceiling hook to pull down dry wall, plaster/lathe or similar surfaces. It also can be used to force locks and hasps. The shut-off end may work on some gas or water shut-offs.

Maintenance:

Keep clean and rust free.