

**REDUCE ON
THE JOB INJURY
REPLACE
MULTIPLE TOOLS**



THE HOSE HANDLING SUPER TOOL

- 1 THE TUNGSTEN CARBIDE TIP IS PERFECT FOR BREAKING TEMPERED GLASS, QUICKLY AND WITHOUT EFFORT.
- 2 THIS SMALL GROOVE IS DESIGNED TO GRIP THE TABS ON ANY SIZE OF FIREHOSE COUPLING. THIS GROOVE MAKES THE SNAGGER TOOL THE PERFECT HOSE WRENCH, WITH ITS SINGLE SIZE BEING PERFECT FOR ALL COUPLINGS. IT WILL ALSO FIT THE VALVE STEM ON AN O2 CYLINDER IN A PINCH.
- 3 THE SNAGGER TOOL IS ANODIZED, GIVING IT A MORE DURABLE, SCRATCH RESISTANT FINISH. THE GROOVED GRIP GIVES A MORE COMFORTABLE AND UNIVERSAL GRIP FOR HANDS OF ALL SIZES. THE PEAKS OF THE GROOVES ALSO DIG INTO THE CHARGED FIREHOSE FOR BETTER GRIP.
- 4 THIS SIDE OF THE TOOL IS MEANT FOR GRIPPING 38MM (1 3/4") HOSELINE AS WELL AS VARIOUS SIZES OF FORESTRY LINE. WHEN CHARGED LINE IS "SNAGGED" BY THIS TOOL THE HAND IS AUTOMATICALLY TURNED 90 DEGREES FROM ITS NORMAL POSITION ON A FIRE HOSE, GIVING THE FIREFIGHTER IMPROVED POSTURE, MORE STRENGTH, LESS FATIGUE AND A MUCH SAFER POSITION IN RELATION TO THE FIRE AND THE HOSELINE.
- 5 THIS SIDE IS MEANT FOR 65MM (2 1/2") HOSE LINE PERFORMING THE SAME FUNCTIONS AS LISTED IN # 4.
- 6 THE GROOVE HERE IS TO ALLOW THE SNAGGER TO GRIP THE TABS ON STORZ COUPLINGS AND LARGER DIAMETER COUPLINGS.
- 7 THE HARDENED WEDGE TIP IS FOR PENETRATING DRYWALL OR WALL BOARD. IT WILL ALSO GO THROUGH A STANDARD WINDSHIELD AND CAN BE USED TO CUT THE WINDSHIELD AWAY RAPIDLY.



HANDLE CHARGED HOSE | COUPLING TOOL | GLASS BREAKING TOOL | RIT TOOL | AND MUCH MORE!

Motis SNAGGER TOOL

REPLACE SEVERAL TOOLS WITH THE SNAGGER TOOL

- HANDLE CHARGED LINE AND HIGH VOLUME HOSE
- COUPLING TOOL / SPANNER
 - RIT TOOL
- BREAK TEMPERED GLASS
 - CUT OUT WINDSHIELDS
- BREAK THROUGH DRYWALL
 - RAPID EGRESS TOOL
- NATURAL GAS SHUTOFF
 - O2 BOTTLE KEY
- LADDER HOSE SUPPORT
 - GEAR HANGING
 - DOOR WEDGE

PERFORM FASTER.
REDUCE TRIPS TO THE TRUCK
FOR OTHER TOOLS



HOSE HANDLING



**HANDLE CHARGED LINE FASTER AND SAFER WITH THE SNAGGER.
FIREFIGHTERS CAN FACE THE FIRE AND HAVE MORE LEVERAGE AND CONTROL.**



**HOOK ONTO YOUR PARTNER'S SCBA AND
PULL THEM OUT WITH MORE LEVERAGE.**



RAPID INTERVENTION

COUPLING TOOL



USE THE SNAGGER TO TIGHTEN OR LOOSEN ANY COUPLING.

USE THE CARBIDE TIP TO BREAK TEMPERED GLASS WINDOWS.



BREAK TEMPERED GLASS

WINDSHIELD SAW



USE THE SNAGGER TO CUT OUT A WINDSHIELD.

*USING THE TOOL TO CUT OUT A WINDSHIELD WILL DESTROY THE TOOL.

USE THE HARDENED TIP TO BREAK THROUGH DRYWALL.



RAPID EGRESS TOOL

NATURAL GAS SHUT OFF



SHUT OFF A NATURL GAS VALVE QUICKLY WITH THE SNAGGER TOOL.

SUPPORT CHARGED LINE ON A LADDER.



LADDER HOSE SUPPORT

02 BOTTLE KEY



USE THE SNAGGER TO OPEN AND CLOSE THE VALVE ON O2 BOTTLES.

6.75" x 5" x 5/8"



FITS IN BUNKER GEAR

INJURY = HIGH COSTS

COSTS OF INJURY INCLUDE:

- LOST WAGES OF THE INJURED FIREFIGHTER THAT EXCEED DISABILITY PAYMENTS
- OVERTIME WAGES, ABOVE THE COST OF THE INJURED FIREFIGHTER'S WAGES, TO FILL IN FOR THE FIREFIGHTER
- MEDICAL COSTS
- COSTS OF PSYCHOLOGICAL COUNSELING FOR PAIN AND ANGUISH SUFFERED BY THE FIREFIGHTER, THE FIREFIGHTER'S FAMILY, AND (OCCASIONALLY) THE FIREFIGHTER'S CO-WORKERS
- TIME SPENT BY THE FIREFIGHTER, SUPERVISORS, AND OTHERS IN INVESTIGATING THE INCIDENT AND WRITING THE INJURY REPORT
- COST OF OUTSIDE INVESTIGATIONS
- DISABILITY/RETIREMENT INCOME (WHEN FIREFIGHTERS CANNOT RETURN TO WORK FOR YEARS, OR RETIRE ON DISABILITY SHORT OF A NORMAL CAREER LENGTH)
- LITIGATION COSTS

HOW THE SNAGGER REDUCES INJURY

- WHILE USING THE SNAGGER, FIREFIGHTERS TURN THEIR HANDS 90 DEGREES TO HANDLE HOSE, IMPROVING POSTURE AND STRENGTH, WHILE USING THEIR FULL BODIES TO REDUCE FATIGUE AS WELL AS BACK AND WRIST INJURY.
- HOLDING THE SNAGGER AT 90 DEGREES ALSO ALLOWS FIREFIGHTERS TO FACE FORWARD WHILE PULLING HOSE, HELPING PREVENT TRIPS AND FALLS.
- IN THE UNITED STATES, 52% OF ALL MODERATE OR SEVERE INJURIES IN 2015 TOOK PLACE DURING ACTIVITIES RELATED TO EXTINGUISHING A FIRE. OF THESE, 41% OCCURRED WHILE HANDLING CHARGED HOSE LINES.*



OF FIRE EXTINGUISHING
INJURIES ARE RELATED
TO HOSE HANDLING*

RECOMMENDATIONS:

MUNICIPAL FIRE DEPARTMENTS (SERVING POPULATIONS OF 250,000 OR MORE)

- 2 SNAGGERS PER FIREFIGHTER (ONE FOR EACH BUNKER GEAR POCKET)
- 2 SNAGGERS PER TRUCK

SMALL MUNICIPAL / VOLUNTEER / RURAL DEPARTMENTS (SERVING POPULATIONS LESS THAN 250,000)

- 1 SNAGGER PER FIREFIGHTER
- 2 SNAGGERS PER TRUCK

"THE HIGHEST INJURY RATES PER 100 FIREFIGHTERS WERE IN DEPARTMENTS THAT PROTECTED POPULATIONS OF 250,000 TO 499,999 AND THOSE THAT PROTECTED 1,000,000 OR MORE, WHILE THE LOWEST RATES WERE IN THE DEPARTMENTS THAT PROTECTED THE SMALLEST POPULATIONS."*

BECAUSE OF THIS, WE RECOMMEND LARGER CITIES HAVE MORE TOOLS PER FIREFIGHTER.



*NFPA,(2015). TRENDS IN FIREFIGHTER INJURIES. QUINCY, MA: NFPA

[HTTP://WWW.NFPA.ORG/~MEDIA/FILES/NEWS-AND-RESEARCH/FIRE-STATISTICS/FIRE-SERVICE/OSINJURIESPAGE.PDF?AS=1&IAR=1&LA=EN](http://www.nfpa.org/~media/files/news-and-research/fire-statistics/fire-service/osinjuriespage.pdf?AS=1&IAR=1&LA=EN)



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