

# INVISIBLE HEAT®

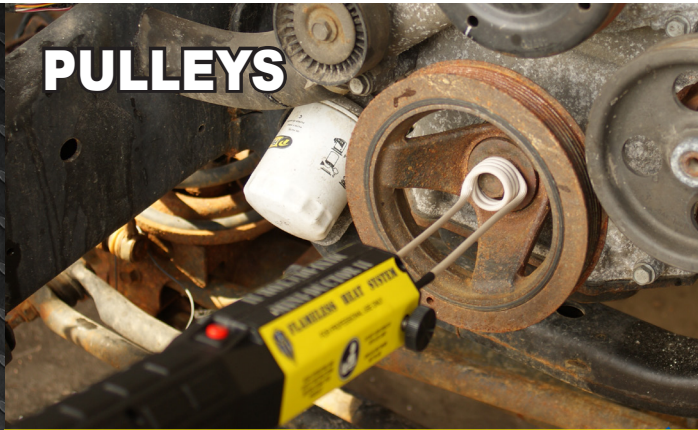
Experience fast, safe and damage free removal of stubborn nuts and bolts, exterior trim, vinyl graphics, bonding, glass, and much more.

The Mini-Ductor® is the professional's choice handheld flameless torch. It is used in the automotive, construction, agricultural, industrial and marine industries.

Leverage the power of technology with Invisible Heat®. The flameless solution for releasing corroded or frozen hardware and other metallic components from corrosion and thread lock compounds. All without the collateral damage normally associated with torches. Heats nuts red hot in seconds!

VISIT [THEINDUCTOR.COM](http://THEINDUCTOR.COM) FOR DEMO VIDEOS AND TO LEARN MORE

## PULLEYS



## SUSPENSION



## PDR



## INLINE



INDUCTION  
INNOVATIONS

## MINI-DUCTOR®

Flameless Heat System



INDUCTION  
INNOVATIONS

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MD-0915



Made in USA

Provides precise heat for the easy removal of hardware from corrosion or thread lock compounds. Use where a torch can never go - near brake, fuel lines, plastic or rubber!

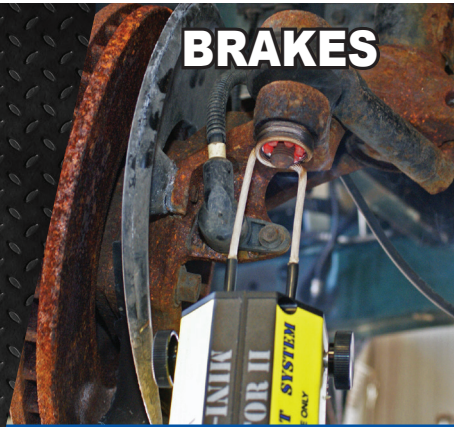
# MINI-DUCTOR® Applications

Heat nuts and bolts red hot in seconds without a flame! Provides precise heat for the easy removal of hardware from corrosion or thread lock compounds, including bearings, ball joints, tie rods, manifold bolts and more. Use where a torch can never go - near brake and fuel lines; will not harm plastic or rubber!

Heats problem parts fast, for quick, safe, easy removal. The Mini-Ductor® uses Invisible Heat® that heats ferrous metal (containing iron), and some non-ferrous metal, parts in seconds. This allows all types of adhesives bonded to metal, bonded with thread lock compound and seized hardware to be removed and released much quicker than by traditional naked flame heating.

- Easily release seized nuts & bolts from corrosion or thread lock compounds.
- Remove/release; steering/suspension components, bearings, races, pulleys, gears, fuel tank straps, O<sup>2</sup> Sensors, inline connectors, zirk fittings, manifold bolts, truck bed bolts, harmonic balancers, seat belt bolts, u-bolts, tie rod sleeves/ends.
- Can be used on soft hail dents, metal fabrication, soldering, and even heat treating.
- Easily remove heavy undercoating's applied over hardware.

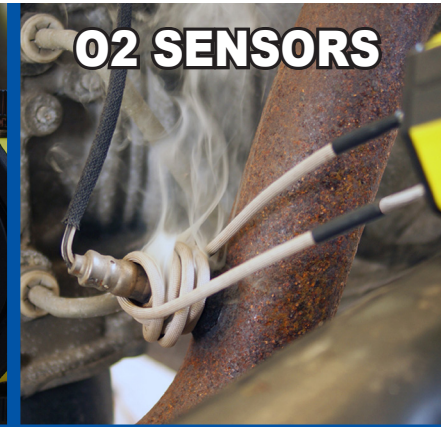
## BRAKES



## LUG NUTS



## O<sub>2</sub> SENSORS



### THERE IS A MINI-DUCTOR® MODEL TO FIT YOUR NEEDS WORLDWIDE

Mini-Ductor® II: MD-700: 110-120V, For use in North America and Japan.

Mini-Ductor® 110V CE: MD-700CE: 110V, CE approved, with a UK plug.

Mini-Ductor® II+: MD-800P: 220-240V, For use in Europe, UK, and Australia.

Mini-Ductor® 12V: MD-500: 12V, works with any 12-volt battery pack or off a car battery.



## FUEL TANK STRAPS

### HOW DOES INDUCTION HEATING WORK?

The Mini-Ductor® uses High Frequency Magnetic Fields to instantly heat metal, providing fast, consistent heat to electrically conductive materials. Once the metal reaches a specific temperature the adhesives holding parts bonded to vehicles begin to release including fasteners, vinyl graphics, metal bond adhesives, and much more.

Induction heat is also heavily used in manufacturing for soldering, annealing, bonding, brazing, shrink fitting and much more. Induction heating heats only electrically conductive metals.

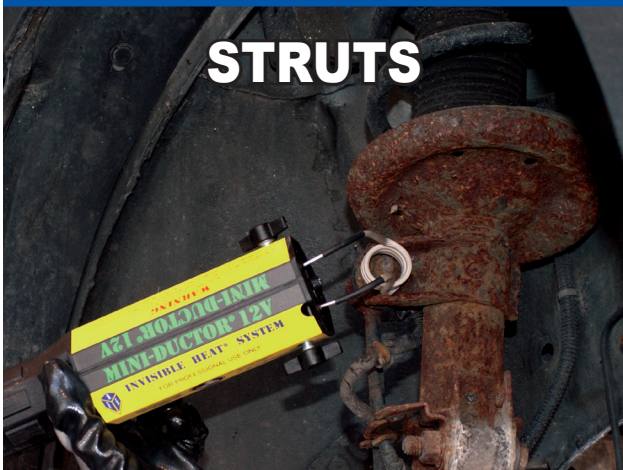
### Features & Benefits

- Reduce labor by as much as 75%
- Salvage parts normally discarded
- Reduce the need for expensive consumables
- Reverse polarity protection
- Low voltage shut-off to prevent battery from being totally drained
- LED lighting
- No-slip grenade grip
- No More Open Flames

Without the danger of an open flame, you will be able to heat metallic objects near plastic splash shields or other plastic components without the need to remove or shield them. This saves you time and inconvenience of unnecessary R&I procedures

Includes: Mini-Ductor, Carry Case, Pre-Formed, U-Form and Bearing Buddy Coils, to remove different types of hardware and components. Optional accessories available: Standard, Essential, and Long Coil Kits, and Mini-Pad for removal of body trim, decals or heating of bearings.

## STRUTS



## PINSTRIPING

