



February 2014



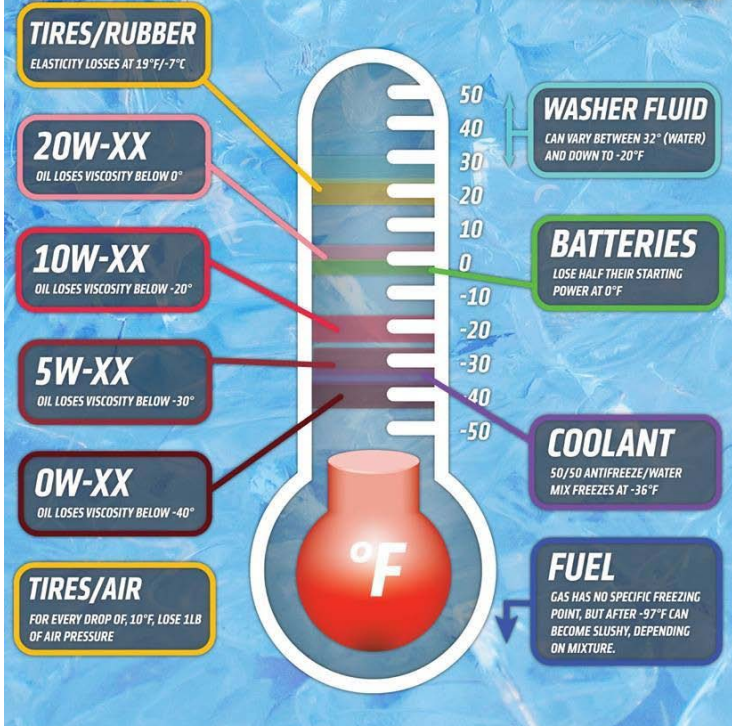
1965

..... and the results are in!

Craig and Scott have stepped up to become our club's respective President and Vice President. The next step is for our club to focus on different things we can do this year. First order of business was proposing and passing a motion that club dues this year be waived for all 2013 members and those new members attending the Bowtie brunch. Second order of business was to establish a sign-up sheet to help plan our monthly events. This year we're going to try something different. Each month we're looking for members to volunteer and help coordinate a monthly gathering. Essentially, we need a date, place, and time. If someone wants to volunteer their own place, that's great. If you know of a shop that might be open to hosting a club meeting just ask them! From there, we can help square up any details. Mitch has volunteered his shop for our meeting February 22nd. We're still looking for the next few months leading up to Car Craft in July, then again in August and November. Remember, it does not have to be automotive related, just a place to get everyone together. If we pair it with some sort of activity, that would be ideal.

How well do you know these things? This is why those winter potholes chew up wheels and tires so easily, and especially shows why it's important to let that engine warm up enough before driving.

JALOPNIK
EXTREME WINTER CAR SURVIVAL REFERENCE CHART



I found this picture one day last month. In case you're wondering what painted bumpers and extended stripes looked like on your 71/72....



Cool Tool: Unfreeze Your Frozen Nuts With Magnetic Fields

By Bobby Kimbrough

We've all been there. Working on your project car and dealing with a corroded suspension or exhaust nut or bolt. Time to break out the torch, right? **HOLD ON.** Before you fire up the oxy/acetylene start waving flames all around your engine bay, maybe there's a safer way to get heat on these frozen fasteners. Check out this cool tool from **Induction Innovations**.

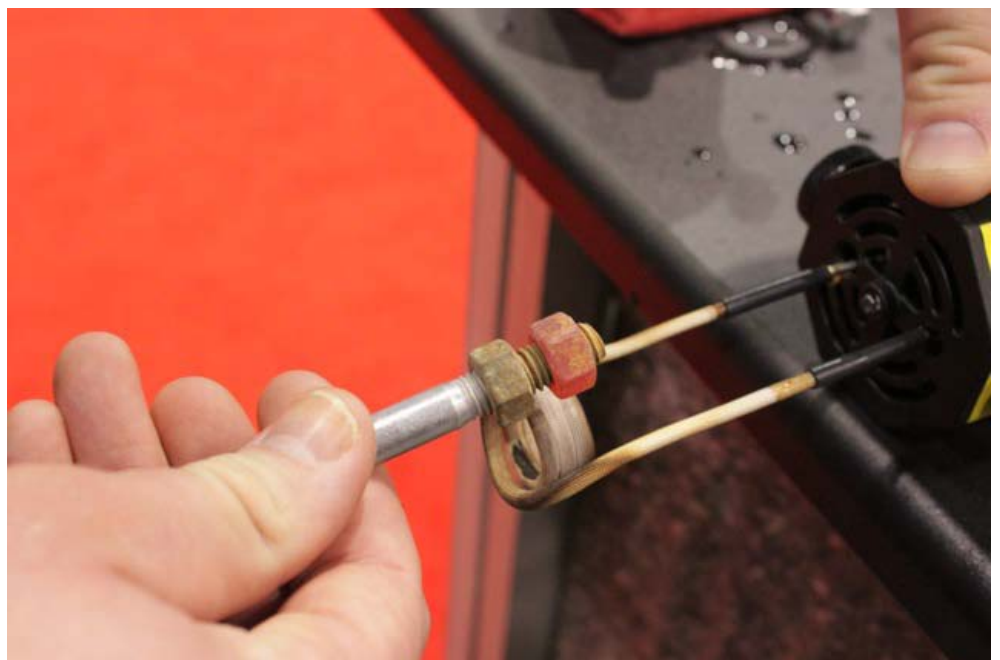


At the SEMA show we witnessed a cool new tool, the Mini Ductor II, which uses magnetic fields to produce heat. This jewel of a tool centralizes and focuses the heat directly to the target area without flame, so it's safe to use in any environment. You can feel confident heating up frozen and corroded fasteners near new paint jobs, fuel lines, brake lines or any other sensitive area.

The Mini Ductor II heats up frozen fasteners without an open flame.



The Mini Ductor II also has different attachments that will simplify removing body molding, stress relieving metal with heat or even heating up housings for bearing removal.



The Mini Ductor II focuses the heat directly on the area within the coil. Notice the bolt is cool enough on the other end to hold it with bare hands.

Induction Innovations
Phone: 877-688-9633

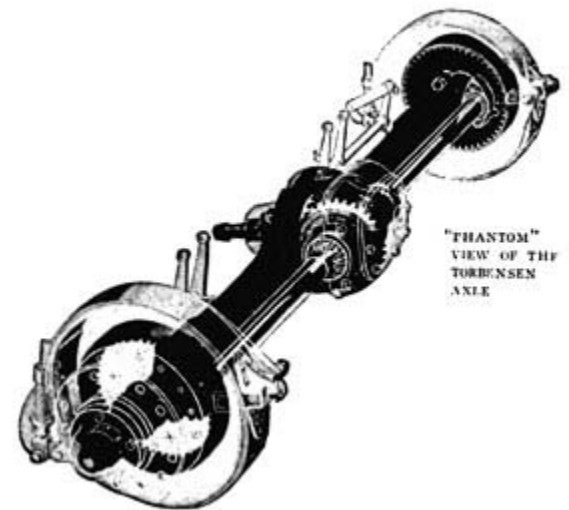
Have you ever wondered how some of the parts in your car (or truck) came about? Way back in 1900, Viggo Torbensen develops and patents the first gear-driven rear truck axle. In 1911, He teams up with Joseph Eaton and they founded Torbensen Gear and Axle (the precursor to what we know as Eaton Corporation). Eaton was



the money man, having already found success after co-founding the Interstate Shirt and Collar Company in New York. Their first year, they produced 7 axle assemblies, each handcrafted from raw materials.

With incredible foresight, Eaton saw the market for truck axles to be ripe for growth, and the need to be in the heart of automotive production was obvious. Though Michigan seemed to be the obvious choice, Ohio had readily available materials, assembly lines, large numbers of skilled and general workers, and was a major transportation center.

By the end of 1916, they had built over 11,000 front and rear axles but they were just getting started....In 1918, WWI starts, and the US Military ships 76 trucks



with their axles to Japan. By the end of 1919, over 70,000

Those axles don't look too far removed from what we still use in our musclecars.

When the record is written

AMERICAN fighting men—first. American-made equipment—for them and their allies—second. That is a winning combination. And the records will prove it. • Eaton is helping to provide the armed forces of America and her allies with vast quantities of fighting equipment—the best the world has ever seen. • Eaton manufacturing facilities have been doubled—employment tripled—since our entire resources were dedicated to Victory four years ago. • Our production processes have been improved and speeded up. Our already high precision standards have become even more exacting. • It is with a sincere feeling of pride in the part we are playing, that we list here some of the Eaton-built war material which, in the hands of well trained fighting men, is doing so much to bring about the destruction of the enemies of freedom.

<p>FOR AIRPLANES</p> <ul style="list-style-type: none"> Injection-Guided Valves Propeller Shaft Assemblies Controlshafts Valve Triggers Gasoline Tank Caps Valve Seat Inserts Cell Springs Hydraulic Valve Lifters Fly Weights Washers Adjusting Screws Oil Check Valves Hydraulic Pumps Beating Rollbars Trim Rings Hull Ends and Sockets Trunnions Stumpings Sails Beakings Various other engine parts 	<p>FOR ARMY TANKS</p> <ul style="list-style-type: none"> Valve Springs Drive Shauberts Track Pins Race Pumps Forward-Drift Ventilators Engine Valves Castings Valve Seat Inserts Tapetes Cell Springs Spring Lock Washers Long Rings Machable Covers Exhaust Rings Various other engine parts 	<p>FOR MILITARY VEHICLES</p> <ul style="list-style-type: none"> Axles Leaf Springs Castings Engine Valves Stampings Long Rings Valve Seat Inserts Hydraulic Valve Lifters Cell Springs Rear Pumps Ballistic Rings Tapetes Gasoline Tank Caps Spring Lock Washers Throttle Delivery Pistons Radiator Caps and Nests Gear Shift Levers
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Every American built airplane, tank and combat vehicle an every fighting boat carries Eaton-made parts. After Victory, as in peacetime years, automobile and commercial trucks will be more dependable, more reliable, longer-lasting because of the Eaton parts built into them—the results of thirty-three years of close association with the automotive industry.

FOR GUNS AND AMMUNITION

- Ballistic Ring Castings
- Ballistic Caps and
- Armor-Piercing Shot
- Ballistic Springs
- Detonator Caps
- Castings
- Stampings
- Compression Springs

EATON
EATON MANUFACTURING COMPANY
General Office: Cleveland, Ohio

Plants: CLEVELAND • DETROIT • SAGINAW • MARSHALL • BATTLE CREEK • LAWTON • VAYLAR • MACCELLEN • WINNSBORO (Canada)

axles have been put on the road. At this point, Eaton cashes out his Republic stock and starts his own company: Eaton Axle Company. In 1920 Eaton builds his own plant, and by 1922 he leads a group of investors in buying Torbensen Axle back from Republic and combines both companies. In 1923, Eaton had its initial public stock offering, and raised enough capital to expand. It also then officially changed its name to Eaton Axle and Spring. While its business grows, Eaton continues to acquire companies and plants necessary to continue its growth and in 1926, starts producing Ruckstell axles for Ford cars and trucks including the Model T.

When the Great Depression hits the country in 1929, Eaton has enough cash reserves to ride it out, plus continues to make purchases, now at a very opportune time. Over the next decade, Eaton continues its success and rides the economic downturn though it's other businesses. In 1939, Eaton organizes itself into 8 divisions and in the next few years sees increases in military uses during World War II and welcomes the influx of women into the workforce. Joseph Eaton died in 1949, but his company continued to diversify and grow. By 1981, Eaton Corporation is so diversified that its automotive market accounts for less than 10% of its total business. This is only a small portion of Eaton's history. For the whole story go to:

<http://www.eaton.com/Eaton/OurCompany/AboutUs/HistoryTimeline/index.htm>

EATON Truck Components

Eaton Research solves perplexing problems

We're on a U.S. Navy alert

EATON Advanced Electronics

FACT: In all his years at Eaton, there was only one year he did not turn a profit.

FACT: Eaton never learned how to drive. He once tried driving an electric car, but ran it into the garage and never tried again,

In the Miracle of Modern Communications Eaton Plays an Important Part

EATON

Millions of Eaton Products Contribute to Modern Domestic Appliances

EATON MANUFACTURING COMPANY

THAT INTERCEPTOR ZOOM...

THE SOUND OF QUIET PRIDE

EATON DEARBORN MARINE ENGINE DIVISION

Upcoming Events:



February club meeting- 2/22 12:00 Mitch's shop metalworking and fabrication workshop with MIG/TIG

2/16 Indoor swap meet Luther Brookdale Chev 9am
Info: vern.schultz@lutherauto.com

3/8-3/16 Minneapolis Auto Show
Minneapolis Convention Center
Info: twincitiesautoshow.com

4/5 GSTA Rod and Custom Show 9am
Minnesota State Fair Coliseum, St. Paul, MN

4/26 Boost for Boobies charity event 9:00 am
MAPerformance Cottage Grove
Info: <http://b4b.maperformance.com/>

5/17 Eden Prairie High School 8-noon
Info: www.ephscarclub.weebly.com

5/26 Sherburne County Fairgrounds 10-3pm
Info: neilhanderson@msn.com

6/1 Spring Meltdown 9-3pm
Broadway Pizza Elk River
Info: www.frankensteiners.com

6/1 Concours d'Elegance Excelsior Bay 10-4pm
Excelsior Commons
Info: 10000lakesconcours.com

6/7-6/14 Hot Rod Power Tour
June 7.... Charlotte, NC
June 8.... Knoxville, TN
June 9.... Charleston, WV
June 10....Norwalk, OH
June 11....Crown Point, IN
June 12....Bettendorf, IA
June 13....Wisconsin Dells

6/13-6/15 Albert Lea Car Show
Info: www.cochrancarshow.webs.com

6/20-6/22 Back to the '50s
MN State Fairgrounds

7/18-7/20 Car Craft Summer Cruise
MN State Fairgrounds

9/27 Cruise for Troops 9/27
Info: more to come....

10/11 Frankensteiners Ball 9am
Anoka County Fairgrounds

Recurring shows and cruises: check info for blackout dates

5/10 Anoka cruise opener
Saturdays 5-9pm
Info: www.anokaclassiccarshow.org

5/17 St Francis City Center Mall opener
Fridays 5-dusk
Info: Dick Henz 763-753-1092

5/26 Ricky's Embers in Fridley opener
Thursdays 4-8pm
Memorial day- Labor day

6/1 Hastings cruise opener
Every other Saturday
Info: www.Hastingsdowntown-mn.com

6/4 Stillwater Cruisin' on the Croix
Wednesdays 5-9pm
Info: www.discoverstillwater.com/events

6/6 North St Paul History Cruise opener
Fridays 6-10pm
Info: www.historycruzer.com

Meister's Bar & Grill Shoreview
Saturdays 5-10pm

