



# The Buzz

The official publication of the  
Dairyland Tin Lizzies  
March 2013



**If Spring is here, why do I still have  
skis on?**



## TT Chatter --- from the Cab of Jack Leonhardt

After an overwhelming amount of snow late in our Winter season, I think our Dairyland Tin Lizzie members are anxious for Spring to come and get their T's & TT's out on the road. There are planned upgrades in the works for "Sister Barb" and my TT as we approach the 2013 touring season.

Thanks goes out to Keith Gumbinger for arranging and securing John Regan for our Tin Lizzie University (TLU) held at Vrana's Body and Frame shop in West Bend at the January TLU. And a big thank you to Joe Vrana for the use of his shop and all the preparation for the event. DTL had an excellent turn out with members from the Greater Milwaukee chapter of the MTFCI and MTFCA along with Wisconsin Capital Model T Ford Club members. For those DTL members that were unable to attend the John Regan session --- John Battell graciously video taped the entire presentation and provided a DVD to DTL which is available on loan to DTL members. With a passion, John Battell went out special and purchased his video recorder just for this session --- thank you John. The DVD is of excellent quality and provides a wealth of information from John Regan's presentation. Also, a thank you to Dan Schultz for making copies.

The DTL library of technical items/presentations continues to expand on DVD thanks to John Battell. On loan to DTL members are:

- "T" tips Model T Open Car Top Installation
- "T" tips Installing a leather tufted interior
- "T" tips Installing the One-Man top
- "T" tips Interior Installation & Wood Bows
- "T" tips Restoring the T transmission
- "T" tips Tires and balancing tires
- "T" tips Fuel filter, Model T bands, Restoring the "Hogshead"
- "T" tips Repair of the generator cutout and Front axle alignment
- John Regan presentation on 1-12-2013 at Vrana's Body and Frame Shop
- The Model T Ford – The Car That Changed America and the World



Get ready for the 2013 Touring Season – Pete Humphrey has DTL windshield decals available at all DTL events as well as via mail and Dan Schultz continues to accept orders for DTL logo golf shirts and hats.

Sunday, April 14<sup>th</sup> is our Spring Business/Election Meeting at Chissy's Pub in Waldo. Bring along ideas of some future Model T tours you'd like to facilitate – let's keep those Model T's rolling. Show your support and wear your DTL logo golf shirts and/or hats to the meeting.

# Upcoming Events

*Save these date*

**April 14th**

## **Spring Business/Election Meeting**

When: 2:00 PM  
Where: Chissy's Pub Waldo, WI

**June 9th**

## **Beechwood Parade**

100th Anniversary & final parade/picnic

**June 16th**

## **Wings & Wheels**

When: 10:00 AM  
Where: Sheboygan County Airport

**June 22nd**

## **Tin Lizzie University**

What: Installation of Cartouche top on Fritz's T roadster  
Why June? The top material requires warm weather.

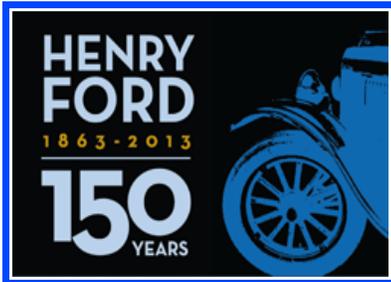
**July 6th**

## **Picnic at Bunny Hill (details coming soon)**

Hosted by Dena & Dennis Gorder  
Where: S5753 South Shore Road, Baraboo, WI

**July 27-30th**

## **Henry Ford's Life & Legacy**



A celebration of events in Michigan to honor Henry's 150th birthday. Visit [www.henryford150.com](http://www.henryford150.com) for more information. **Would you like to organize a tour to these festivities for the Dairyland Tin Lizzies? If so please contact our President. Considerations – when? expense? Volunteers to make it happen?** The Ferry from Milwaukee to Michigan is \$165.00 round trip per vehicle, each passenger \$135.00 round trip. One vehicle with driver and passenger \$435.00 round trip.

**Aug. 31 - Sept. 2**

## **Northwood's Tour**

Where: Rhinelander Area

**We have a fun year of tours ahead of us.**

**\*\*\*\* Please plan on joining us! \*\*\*\***

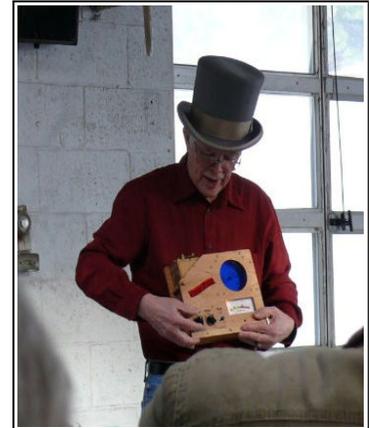
# DTL Model T University

January 2013

Model T University on January 12, 2013 was a big success! John Regan was the main speaker. He shared how he got into Model T's & specifically how he began making voltage regulators for Model T's; and how this just grew into more and more parts for Model T's.

John demonstrated how to rebuild a Model T coil box using his non-conductive wood replacement kit and the new bronze contacts he makes. Using these parts should virtually bullet proof your coil box.

John also demonstrated his Strobe-Spark coil tester and sealed bearing unit he makes to replace the stock pinion bearing.



Many of his other Model T parts were displayed and available for purchase. The parts he makes are all based on original Ford drawings and quality is the primary objective.

After a break, Keith Gumbinger gave a failure analysis on his broken Ruckstell rear end. The broken parts were passed



around and hopefully we all learned something from this.



Mike Zahorik discussed a replacement rear axle shaft that he used in his Model T for one year that was already showing abnormal wear. This axle only has a Rockwell hardness of 19 to 21. This was the less costly replacement axle that's available from the vendors & he has replaced it with the better quality axle shaft available which has a Rockwell hardness of 40. There were two Model T's driven to this event, even in Wisconsin and in January! About 45 people were in attendance.

# ASK GREGG . . .

**HE'S FIXED EVERYTHING ON A MODEL T AT SOME POINT**

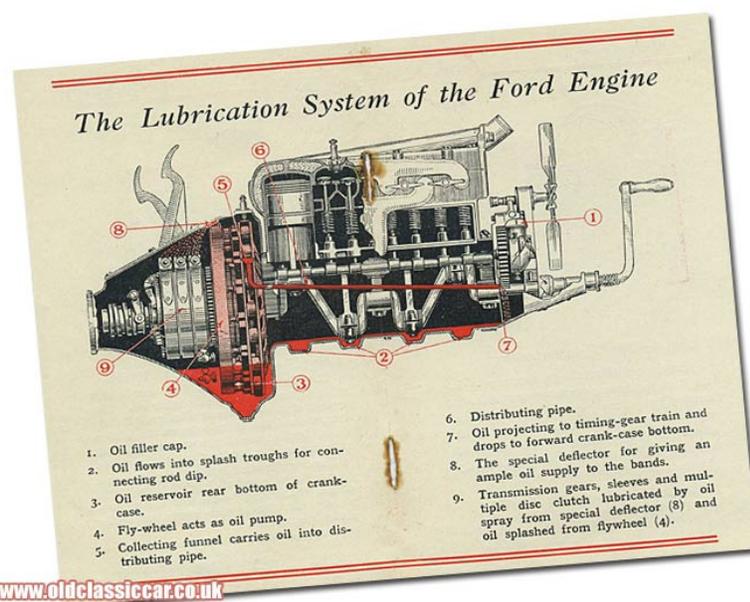
***Hello Mr. Zangl! I was wondering if you could elaborate on how many things you can repair on a Model T using a small camping hatchet? Thank-you! Kevin***

Well Kevin, You've been peeking under my seat! I like to use the minimum amount of tools to do the maximum amount of work!

Here's a few things:

- 1 As a hammer- for a rear wheel knock off tool
- 2 Changing wheel hubs
- 3 Sharp end can be used as a regular screwdriver or a gasket scraper
- 4 Straighten fins on the radiator
- 5 Pound out dents in fenders and body
- 6 Chopping out trees and shrubbery from under stuck car ( weekly activity while checking if maple sap is running)
- 7 Whittle wood off car to make it lighter and faster
- 8 Make enclosed car into convertible
- 9 Makes a good bottle opener if you don't want to scratch the throttle and spark quadrants
- 10 And lastly, a few good swings and you could fix the engine for good!

Submit your questions for "**ASK GREGG . . .**" to [pzangl2010@yahoo.com](mailto:pzangl2010@yahoo.com) and cc: [carsntravel@hotmail.com](mailto:carsntravel@hotmail.com)



This wonderful piece of writing by E.B. White appeared in the *New Yorker* for May 16, 1936.

# FAREWELL, MY LOVELY

I see by the new Sears Roebuck catalogue that it is still possible to buy an axle for a 1909 Model T Ford, but I am not deceived. The great days have faded, and the end is in sight. Only one page in the current catalogue is devoted to parts and accessories for the Model T; yet everyone remembers springtime's when the Ford gadget section was larger than men's clothing, almost as large as household furnishings. The last Model T was built in 1927, and the car is fading from what scholars call the American scene - which is an understatement, because to a few million people who grew up with it, the old Ford practically was the American scene. It was the miracle that God had wrought. And it was patently the sort of thing that could only happen once. Mechanically uncanny, it was like nothing that had ever come to the world before. Flourishing industries rose and fell with it. As a vehicle, it was hard working, commonplace, heroic; and it often seemed to transmit those qualities to the person who rode in it. My own generation identifies it with Youth, with its gaudy, irretrievable excitements; before it fades into the mist, I would like to pay it the tribute of the sigh that is not a sob, and set down random entries in a shape somewhat less cumbersome than a Sears Roebuck catalogue.



The Model T was distinguished from all other makes of cars by the fact that its transmission was of a type known as planetary - which was half metaphysics, half sheer fiction. Engineers accepted the word 'planetary' in its epicyclic sense, but I was always conscious that it also meant 'wandering', 'erratic'. Because of the peculiar nature of this planetary element, there was always, in Model T, a certain dull rapport between engine and wheels, and even when the car was in a state known as neutral, it trembled with a deep imperative and tended to inch forward. There was never a moment when the bands were not faintly egging the machine on. In this respect it was like a horse, rolling the bit on its tongue, and country people brought to it the same technique they used with draft animals.

Its most remarkable quality was its rate of acceleration. In its palmy days the Model T could take off faster than anything on the road. The reason was simple. To get under way, you simply hooked the third finger of the right hand around a lever on the steering column, pulled down hard, and shoved your left foot forcibly against the low-speed pedal. These were simple, positive motions the car responded by lunging forward with a roar. After a few seconds of this turmoil, you took your toe off the pedal, eased up a mite on the throttle, and the car, possessed of only two forward speeds, catapulted directly into high with a series of ugly jerks and was off on its glorious errand. The abruptness of this departure was never equaled in other cars of the period. The human leg was (and still is) incapable of letting in the clutch with anything like the forthright abandon that used to send Model T on its way. Letting in a clutch is a negative, hesitant motion, depending on delicate nervous control; pushing down the Ford pedal was a simple, country motion - an expansive act, which came

as natural as kicking an old door to make it budge.

The driver of the old Model T was a man enthroned. The car, with top up, stood seven feet high. The driver sat on top of the gas tank, brooding it with his own body. When he wanted gasoline, he alighted, together with everything else in the front seat; the seat was pulled off, the metal cap unscrewed, and a wooden stick thrust down to sound the liquid in the well. There was always a



couple of these sounding sticks kicking around in the ratty sub-cushion regions of a flivver. Refueling was more of a social function then, because the driver had to unbend, whether he wanted to or not. Directly in front of the driver was the windshield - high, uncompromisingly erect. Nobody talked about air resistance, and the four cylinders pushed the car through the atmosphere with a simple disregard of physical law.

There was this about a Model T; the purchaser never regarded his purchase as a complete, finished product. When you bought a Ford, you figured you had a start - a vibrant, spirited framework to which could

be screwed an almost limitless assortment of decorative and functional hardware. Driving away from the agency, hugging the new wheel between your knees, you were already full of creative worry. A Ford was born naked as a baby, and a flourishing industry grew up out of correcting its rare deficiencies and combating its fascinating diseases. Those were the great days of lily-painting. I have been looking at some old Sears Roebuck catalogues, and they bring everything back so clear.

First you bought a Ruby Safety Reflector for the rear, so that your posterior would glow in another car's brilliance. Then you invested thirty-nine cents in some radiator Moto Wings, a popular ornament which gave the Pegasus touch to the machine and did something godlike to the owner. For nine cents you bought a fan-belt guide to keep the belt from slipping off the pulley. You bought a radiator compound to stop leaks. This was as much a part of everybody's equipment as aspirin tablets are of a medicine cabinet. You bought special oil to stop chattering, a clamp-on dash light, a patching outfit, a tool box which you bolted on the running board, a sun visor, a steering-column brace to keep the column rigid, and a set of emergency containers for gas, oil and water - three thin, disc-like cans which reposed in a case on the running board during long, important journeys - red for gas, gray for water, green for oil. It was only a beginning. After the car was about a year old, steps were taken to check the alarming disintegration. (Model T was full of tumors, but they were benign.) A set of anti-rattlers (ninety-eight



cents) was a popular panacea. You hooked them on to the gas and spark rods, to the brake pull rod, and to the steering-rod connections. Hood silencers, of black rubber, were applied to the fluttering hood. Shock absorbers and snubbers gave 'complete relaxation'. Some people bought rubber pedal pads, to fit over the standard metal pedals. (I didn't like these, I remember.) Persons of a suspicious or pugnacious turn of mind bought a rear-view mirror; but most Model T owners weren't worried by what was coming from behind because they would soon enough see it out in front. They rode in a state of cheerful catalepsy. Quite a large mutinous clique among Ford owners went over to a foot accelerator (you could buy one and screw it to the floor board), but there was a certain madness in these people, because the Model T, just as she stood, had a choice of three foot pedals to push, and there were plenty of moments when both feet were occupied in the routine performance of duty and when the only way to speed up the engine was with the hand throttle.



Gadget bred gadget. Owners not only bought ready-made gadgets, they invented gadgets to meet special needs. I myself drove my car directly from the agency to the blacksmith's, and had the smith affix two enormous iron brackets to the port running board to support an army trunk.

People who owned closed models builded along different lines: they bought ball grip handles for opening doors, window anti-rattlers, and de-luxe flower vases of the cut-glass anti-splash type. People with delicate sensibilities garnished their car with a device called the Donna Lee Automobile Disseminator - a porous vase guaranteed, according to Sears, to fill the car with 'la faint clean odor of lavender'. The gap between open cars

and closed cars was not as great then as it is now: for \$11.95, Sears Roebuck converted your touring car into a sedan and you went forth renewed. One agreeable quality of the old Fords was that they had no bumpers, and their fenders softened and wilted with the years and permitted the driver to squeeze in and out of tight places.

Tires were 30 x 3 1/2, cost about twelve dollars, and punctured readily. Everybody carried a Jiffy patching set, with a nutmeg grater to roughen the tube before the goo was spread on. Everybody was capable of putting on a patch, expected to have to, and did have to.

During my association with Model T's, self-starters were not a prevalent accessory. They were expensive and under suspicion. Your car came equipped with a serviceable crank, and the first thing you learned was how to Get Results. It was a special trick, and until you



learned it (usually from another Ford owner, but sometimes by a period of appalling experimentation) you might as well have been winding up an awning. The trick was to leave the ignition switch off, proceed to the animal's head, pull the choke (which was a little wire protruding through the radiator) and give the crank two or three nonchalant upward lifts. Then, whistling as though thinking about something else, you would saunter back to the driver's cabin, turn the ignition on, return to the crank, and this time, catching it on the downstroke, give it a quick spin with plenty of That. If this procedure was followed, the engine almost always responded - first with a few scattered explosions, then with a tumultuous gunfire, which you checked by racing around to the driver's seat and retarding the throttle. Often, if the emergency brake hadn't been pulled all the way back, the car advanced on you the instant the first explosion occurred and you would hold it back by leaning your weight against it. I can still feel my old Ford nuzzling me at the curb, as though looking for an apple in my pocket. In zero weather, ordinary cranking became impossibility, except for giants. The oil thickened, and it became necessary to jack up the rear wheels, which for some planetary reason, eased the throw.

The lore and legend that governed the Ford were boundless. Owners had their own theories about everything; they discussed mutual problems in that wise, infinitely resourceful way old women discuss rheumatism. Exact knowledge was pretty scarce, and often proved less effective than superstition. Dropping a camphor ball into the gas tank was a popular expedient; it seemed to have a tonic effect both on man and machine. There wasn't much to base exact knowledge on. The Ford driver flew blind. He didn't know the temperature of his engine, the speed of his car, the amount of his fuel, or the pressure of his oil (the old Ford lubricated itself by what was amiably described as the 'splash system').



A speedometer cost money and was an extra, like a windshield-wiper. The dashboard of the early models was bare save for an ignition key; later models, grown effete, boasted an ammeter which pulsated alarmingly with the throbbing of the car. Under the dash was a box of coils, with vibrators which you adjusted, or thought you adjusted. Whatever the driver learned of his motor, he learned not through instruments but through sudden developments. I remember that the timer was one of the vital organs about which there was ample doctrine. When everything else had been checked, you had a look at the timer. It was an extravagantly odd little device, simple in construction, mysterious in function. It contained a roller, held by a spring, and there were four contact points on the inside of the case against which, many people believed, the roller rolled. I have had a timer apart on a sick Ford many times. But I never really knew what I was up to, I was just showing off before God. There were almost as many schools of thought as there were timers. Some people, when things went wrong, just clenched their teeth and gave the timer a smart crack with a wrench. Other people opened it up and blew on it. There was a school that held that the timer needed large amounts of oil; they fixed it by frequent baptism. And there was a school that was positive it was meant to run dry as a bone; these people were continually taking it off and wiping it. I remember once spitting into a timer; not in anger, but in a spirit of research. You see, the Model T driver moved in the realm of metaphysics. He believed his car could be hexed.

One reason the Ford anatomy was never reduced to an exact science was that, having 'fixed' it, the owner couldn't honestly claim that the treatment had brought about the cure. There were too many

authenticated cases of Fords fixing themselves - restored naturally to health after a short rest. Farmers soon discovered this, and it fitted nicely with their draft-horse philosophy: 'Let 'er cool off and she'll snap into it again.'



A Ford owner had Number One Bearing constantly in mind. This bearing, being at the front end of the motor, was the one that always burned out, because the oil didn't reach it when the car was climbing hills. (That's what I was always told, anyway.) The oil used to recede and leave Number One dry as a clam flat; you had to watch that bearing like a hawk. It was like a weak heart - you could hear it start knocking, and that was when you stopped to let her cool off. Try as you would to keep the oil supply right, in the end Number One always went out. 'Number One Bearing burned out on me and I had to have her replaced,' you would say, wisely; and your companions always had a lot

to tell about how to protect and pamper Number One to keep her alive.

Sprinkled not too liberally among the millions of amateur witch doctors who drove Fords and applied their own abominable cures were the heaven sent mechanics who could really make the car talk. These professionals turned up in undreamed-of spots. One time, on the banks of the Columbia River in Washington, I heard the rear end go out of my Model T when I was trying to whip it up a steep incline onto the deck of a ferry. Something snapped; the car slid backwards into the mud. It seemed to me like the end of the trail. But the captain of the ferry, observing the withered remnant, spoke up.

'What's got her?' he asked. 'I guess it's the rear end,' I replied listlessly. The captain leaned over the rail and stared. Then I saw that there was a hunger in his eyes that set him off from other men.

'Tell you what,' he said casually, trying to cover up his eagerness, 'let's pull the son of a bitch up onto the boat, and I'll help you fix her while we're going back and forth on the river.'

We did just this. All that day I plied between the towns of Pasco and Kennewick, while the skipper (who had once worked in a Ford garage) directed the amazing work of resetting the bones of my car.

Springtime in the heyday of the Model T was a delirious season. Owning a car was still a major excitement, roads were still wonderful and bad. The Fords were obviously conceived in madness: any car which was capable of going from forward into reverse without any perceptible mechanical hiatus was bound to be a mighty challenging thing to the human imagination. Boys used to veer them off the highway into a level pasture and run wild with them, as though they were cutting up with a girl. Most everybody used the reverse pedal quite as much as the regular foot brake - it distributed the wear over the bands and wore them all down evenly. That was the big trick, to wear all the bands down evenly, so that the final chattering would be total and the whole unit scream for renewal.

The days were golden, the nights were dim and strange. I still recall with trembling those loud, nocturnal crises when you drew up to a signpost and raced the engine so the lights would be bright enough to read destinations by. I have never been really planetary since. I suppose it's time to say goodbye. Farewell, my lovely!

**FOR SALE:**

**TT Items**

- Two 21 inch wheels, sand blasted and primed \$20.00 each
- Rim jack \$35.00
- Pre 1926 coil box wood kit (like new - just the wood - varnished) \$20.00
- For TT's, Two sets of Low speed 7.25 to 1 bronze worm gear and steel worm --- \$60.00 per set.
- For TT's, Two High speed 5.16 to 1 bronze worm gear only --- \$75.00 and \$95.00.
- For TT Ruckstell --- P-1010-A Gear, sliding clutch \$95.00.
- For TT Ruckstell ---P-1009 Plate, gear clutch \$85.00.
- Ruckstell housing for TT --- \$50.00

**Contact Jack at 920-226-1005 [26modeltt@att.net](mailto:26modeltt@att.net)**

**FOR SALE:**

**DTL Logo Shirts**

UltraClub® Man's & Woman's Whisper Pique Blend Polo

Description: Easy-care wonder fabric that fits your budget.



Sizes: S- XL for \$ 18.50

Larger sizes available at a slightly higher price

**Key Features:**

- Easy-care 60% cotton/40% polyester
- 5.6-oz. - Relaxed Fit
- Half-moon patch - Split tail
- Double-needle top-stitching

Club shirts available with the DTL logo. Price stated is for sizes up to XL. Larger sizes are available and will be slightly more. Names can be added for no additional charge.

**Contact Dan at DK Stitching to order: [dkstitch@tds.net](mailto:dkstitch@tds.net)**

**FOR SALE:**

**Dairyland Tin Lizzy Decals**



- \$ 1.25 each (in person from Pete)
- \$ 1.75 each (if mailed)
- Please contact Pete Humphrey

**AVAILABLE FOR USE:**

We have a complete set of the MTFCA's "T-Tips" restoration videos on DVD for club members to use. Jack Leonhardt is the keeper. If you have a project in mind and wish to borrow one, please contact him at 920-458-7832.

**FOR SALE:**

Nice set of Victor Model-2 Head Lights complete with forks. Need only paint on body. \$550.00

**Contact Jim Zautner at 262-707-3790**

**WANTED:**

- Set of John Brown #16 Head Lights. Should have good body and bonnets.

**Contact Jim Zautner at 262-707-3790**

**WANTED:**

**TT Truck Parts**

- Front & Rear wheels
- Engine/transmission

**Contact Brian Weisensel at 920-206-9725**

