



## A Word From Gene Egert... THE PREZ SAYS...



Hello again, everyone, hope you enjoyed

Christmas and New Year's with family and friends...and that the new year ahead in 2016 provides you with happy motoring behind the wheel of your Model A!

At this chilly point of the season, I hope everyone has their Model A tucked in for the winter safely with adequate anti-freeze levels or water drained out of the radiator and block. Putting fuel stabilizer in the gas tank and removing the battery to put it on a trickle charger are also basic. Putting some Bounce dryer sheets around interior areas and near wiring helps keep the mice away. Some people like to change their oil before storage.

Since the last 4-Banger came out, we had one of our best turnouts ever for the Christmas dinner at the Bohemian Crystal Restaurant in Westmont, with a hosting of 47 people. We enjoyed a festive evening there with lots of good food and beverages consumed and great camaraderie enjoyed by all. There were mileage and recognition awards given out, tables competed in Ron's knowledge game, and each lady received a red rose.

At this writing, we just completed our first meeting of the year on January 5<sup>th</sup> at our new home, the Warren Tavern in Warrenville. With new rentals fees being assessed at our old location, the Board approved this move for 2016 and it seems like an ideal location. The Tavern is an 1838 historic building, originally a small hotel on the stage coach line to Chicago. It was saved from demolition and moved to its present location on 2nd Street over 20 years ago, and slowly restored for use as a

community center and meeting place for civic groups. Warrenville's Mayor Dave Brummel made a surprise appearance to welcome our group to town, and we have since bestowed an Honorary Membership in the Naper A's upon him.

We have been inducting a number of new members to the Naper A's and so welcomed to that evening's meeting Ed Danley (1930 Coupe), Bob Fields (stable of Model T's plus a 1930 Model A Tudor, a 1930 Chevy 2 door, a 1946 Chevy Pickup, a 1955 Buick Century, and a 1965 Chevy Impala Convertible), and Jim Weaver (1930 4 Door Town Sedan in Florida). We had a really great turnout of both new and old members, 24 persons is outstanding for a January meeting. I hope we get more of these new members into our driving tours this year.

Speaking of 2016 tours and activities, we called for member input at the meeting to solicit ideas for things to do and place to go. The general discussion touched upon the following lineup of new events:

- Monthly Meetings -- First Tuesdays every month at The Warren Tavern at 7:00 PM.
- Naper A's Luncheons -- Colonial Restaurant every Wednesday at 11:30 AM.
- Flea market on February 6<sup>th</sup> -- West Bend, Wisconsin, at the Washington County Fair Grounds.
- Tech Session on generator rebuild and front spring service -- at Gar Williams' garage on March 5<sup>th</sup>.
- Winter Parts Swap -- Sunday, March 20<sup>th</sup> at 7:00 AM to Noon.
- Annual Safety Inspection -- at Voegtle's Auto Service garage in

Warrenville on Saturday May 7<sup>th</sup>, 9:00 AM to Noon.

- Model T/A Day -- Downers Grove Cruise Night, Friday June 3<sup>rd</sup>.
- Naperville Memorial Day Parade -- Monday, May 30<sup>th</sup>.
- Father's Day Events On June 19<sup>th</sup> -- Naperville Car Show, Oak Brook Mall Car Show (by invitation).
- Warrenville July 4<sup>th</sup> Parade -- On the evening of July 3<sup>rd</sup>.
- Sycamore Steam Show -- Monday, August 8<sup>th</sup>.
- Summer Cruise to Iowa -- Possibly to the Amana Colonies, Dates To Be Announced.
- Newport Hill Climb -- Newport, Indiana, Sunday, October 2<sup>nd</sup>.
- Starved Rock Naper A's Cruise -- Fall Dates To Be Announced.

Elsewhere in this issue, you will find a more comprehensive general listing of local and national automotive events planned for 2016.

On technical topics, we pulled another motor out this winter, from Ron Olsen's car. He has taken it to Rich Fallucca for troubleshooting and repair, and will write up a tech article to follow. Meanwhile, Tom Eklund is still sorting out his endless engine problems after several pulls...more about that when it's all resolved.

Finally, please remember to always take photos of events you attend. Send them to Rich Volkmer for our 4-Banger publication, and when doing repairs, why not write up a tech article to send along with your photos? Don't forget that our newsletter is an on-going club project that always needs constant feeding!

### USED CAR DEPARTMENT

## HEMMINGS WEB SITE FIND: 1930 MODEL "A" DeLUXE ROADSTER

- Location: Marysville, Kansas
- VIN: #A3784318
- Color: Yellow Over Black
- Interior: Black Leather
- Top: Black Vinyl
- Price: \$19,000.00

Description: 1930 Ford Model A Roaster, a two-owner car, in good running condition. Overall body in good condition, with a few minor paint chips. If you have questions feel free to call me at 785-562-8950.

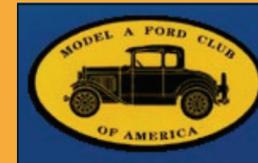


Please send 4-Banger photos & article submissions to Rich Volkmer, Editor, at rich.association@sbcglobal.net

# THE 4-BANGER VOICE OF THE NAPER A's

THE 4-BANGER VOLUME 2, ISSUE 4 ★ WINTER, 2016

## AFFILIATED WITH THE MODEL A FORD CLUB OF AMERICA



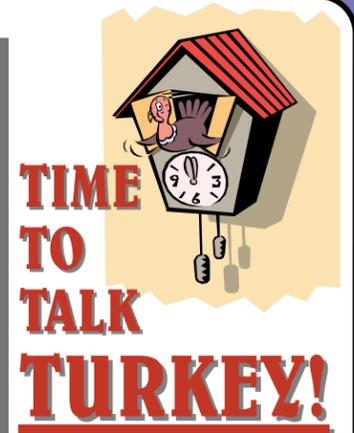
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President:	Gene Egert
Vice President:	Tom Eklund
Treasurer:	Lindy Williams
Secretary:	Nick Mazzarella

The Naper A's membership voted at the November 3, 2015, Membership Meeting to retain all officers for 2016.

AT INTERSECTIONS LOOK EACH WAY A HARP SOUNDS NICE BUT IT'S HARD TO PLAY



Alan Petrik, Kathy & Fred Kauper, Paul Herbert, Gar & Kay Williams, Tom & Pam Eklund, and Steve Paul formed up the Naper A's contingent as all the area Model A Clubs gathered to break bread and gobble down a fine turkey dinner at the annual Illinois Region Turkey Dinner. Held on November 15<sup>th</sup> at the Lion's Club in Elburn the event provided a Turkey Dinner with all the trimmings, including stuffing, corn, sweet



potatoes, mashed potatoes, salad, rolls, butter, and coffee, plus a cash bar made for quite the festive occasion. All that, plus the finest kind of mellow Fall weather to take one of the 2015 season's last drives.

## LONG-AGO MODEL A ADVENTURES

Now that I am getting to be a short-timer, thought it was time to explain why I became involved in Model A's. I was born on the South Side of Chicago, as was my friend who lived across the street. When we were in high school, he bought a '29 Coupe. We did everything in that Coupe, went everywhere...hunting, fishing, and swimming.

One day, he said to me, "Save your money, we should take a vacation in Florida!" His mother said we couldn't go unless we took his younger brother with us. So, in July of 1950, we all put up \$75.00 and left for Miami. In three days, we were there. We had a motel that was \$22.00 out of season and had milk shakes for breakfast at 22 cents each. One evening, we went to a hotel that had all-you-could-eat meals for \$2.00. I ate seven lobster tails.

We came home and everyone got back \$5.00. We never had any trouble on the trip, but sure burned a lot of oil!

I have met some of the greatest people because I bought a Model A, too....

Stu Carstens



**32nd Annual Winter Parts Swap**  
 Admission: \$5 per-person donation  
 Sunday, March 20th, 2016 7AM til 2pm  
 Formally at Kane County Fair Grounds!  
 Friendly Ford, Roselle IL 60172  
 333 E. Irving Park Rd. between Roselle & Medinah Rd. Just South of 390 Expy.  
 New Location and Free Parking  
 TOMMY'S Deli and Ford Emporium  
 Model T, Model A, V-8 and More!  
 www.illinoisregionmag.com  
 Call Mike Sargis 773-426-5321 for information/Larry Rust for Reservations 847-404-9233 email larust@msn.com

# KANSAS ROAD TRIP

By Paul Herbert

I was in Kansas this past June, doing some historical work at Fort Riley, home of the 1st Infantry Division. After dinner one evening, I was casually driving through town and spotted a derelict Model AA dump truck in a garage lot. You bet I pulled in, finding that a couple of young fellows were still there working. Turns out they restore Model AA's and other old trucks, mostly Fords, as a side hobby-business to their regular garage work. Here are several photos of some of their trucks.

I'm not very knowledgeable on AA's, so I accepted what they told me about their stuff. But if you spot an error, I'd love to know the real story. They had a tow dolly made by Wheeler (I think) of Springfield, Illinois.

Then there was a radiator from a 1909 E.M.F., Detroit, MI...I hadn't heard of those. [Editor's note: EMF was an early Studebaker brand, when that company was just entering the gasoline-powered vehicle field...named after its principals, Everett, Metzger, and Flanders...but more commonly dubbed "Every Mechanical Fault."]

I spotted the dump bed belonging to the derelict, and a

wrecker and a pick-up. I didn't get the fuel truck picture, darn it.

The nice guy standing next to me by the door is Josh, the manager and senior mechanic at the Pit Stop.

The derelict that caught my eye I'd never heard of before, it was called a "Martin Perry" with components culled from many manufacturers, including Ford front fenders, hood and radiator, but Chevy rear fenders. Really?

According to Josh, this is a style number 197 and is rare because of its 11-foot bed.

Then there was a U.S. Mail truck under restoration, with its original mail roof nearby. Almost entirely wood structure.

Not everything in the shop was a Model AA, there was also a 1941 farm truck...and a '57 T-bird!

Thus went my unplanned 2015 Kansas Road Trip of fun little discoveries.



# Naper A's Christmas Dinner

BOHEMIAN CRYSTAL RESTAURANT □ WESTMONT, ILLINOIS □ DECEMBER 5, 2015



Mild weather prevailed on Saturday evening, December 5th for the annual Naper A's Christmas Dinner at the Bohemian Crystal Restaurant in Westmont, with 47 attendees enjoying a hearty meal, plenty of refreshments, some fun games, an awards program, and plenty of Model A camaraderie. We might even need more space next year!

# WHATEVER WORKS DEPT.



# 2016 AUTOMOTIVE EVENTS

February 6, 2016: MIRPA Motorsports & Memories Winter Banquet honoring Al Unser and Al Unser Jr <http://www.mirpa.org/events.html>

February 13, 2016: 9am - 11am Chrome & Coffee at Iron Gate Motor Condos, 2212 Ferry Rd, Naperville, IL [www.irongatemotorcondos.com](http://www.irongatemotorcondos.com)

February 13 - 21, 2016: Chicago Auto Show McCormick Place, 2301 S Lake Shore Dr, Chicago, IL <http://www.chicagoautoshow.com/>

February 14, 2016, 8am-2pm CMC Winter Swap Meet at ReNu, 271 E North Ave, Glendale Heights, IL 60139 More info: Ron Jones 630-546-3855

February 14, 2016: 9am-3pm Great Midwest Train Show at DuPage County Fairgrounds, 2015 W Manchester Rd, Wheaton, IL [www.greatmidwesttrainshow.com](http://www.greatmidwesttrainshow.com)

February 20 - 21, 2016: Race & Performance Expo & Hi-Performance Parts Swap Meet, Renaissance Convention Center, 1551 N Thoreau Dr, Schaumburg, IL. <http://rpexpo.com/>

February 21, 2016: 8am-2pm Buick-Olds-Pontiac Cadillac Parts Swap Meet \$5 Kane County Fairgrounds, 525 S. Randall Rd, St Charles, IL <http://www.bopcswap.com/>

February 28, 2016: 8am-2pm Greater Milwaukee Area Indoor Winter Swap Meet, Washington County Fairgrounds, West Bend, WI More info: Sue Quam 414-491-3260

February 28, 2016: 9am-3pm Illinois Plastic Kit and Toy Show, DuPage County Fairgrounds, 2015 Manchester Rd, Wheaton, IL

March 4 - 6, 2016: World of Wheels Car Show, Donald E Stephens Center, Rosemont, IL

March 4 - 5, 2016: Monster Truck Nationals, Sears Centre Arena in Hoffman Estates. More info: [www.MonsterTruckNationals.com](http://www.MonsterTruckNationals.com)

March 10 - 12, 2016: Studebaker York Swap Meet at York Expo Center, 354 Carlisle Ave, York, PA Organizer: Bob Sheaffer 717-341-3141 [robertsheaffer@hotmail.com](mailto:robertsheaffer@hotmail.com) <http://sdckeystoneregion.com>

March 12, 2016: 9am - 11am Chrome & Coffee at Iron Gate Motor Condos, 2212 Ferry Rd, Naperville, IL [www.irongatemotorcondos.com](http://www.irongatemotorcondos.com)

March 13, 2016: 9am-3pm Great Midwest Train Show at DuPage County Fairgrounds, 2015 W Manchester Rd, Wheaton, IL [www.greatmidwesttrainshow.com](http://www.greatmidwesttrainshow.com)

March 13, 2016: 8am-1pm Petroleum and Advertising Show at Will County Fairgrounds, 710 S West St, Peotone, IL [www.gasguys1.com](http://www.gasguys1.com)

March 20, 2016: Illinois Region Model A Club Annual Winter Parts Swap Meet - same new location: Friendly Ford, 333 Irving Park Rd, Roselle, IL More

info: Mike Sargis 773-426-5321 Reservations: Larry Rust 847-404-9233 or [larust@msn.com](mailto:larust@msn.com) [www.illinoisregionmarc.com/winter\\_parts\\_swap.shtml](http://www.illinoisregionmarc.com/winter_parts_swap.shtml)

April 3, 2016: 8am to 1pm. Parts Swap Meet, \$5, Don McCue Chevy, 2015 E. Main St. (Rt.64), St Charles, IL. Hosted by the Fox Valley Chapter AACA More info: Dan Sobczyk 847-428-0247 or [dansobczyk@yahoo.com](mailto:dansobczyk@yahoo.com)

April 9, 2016: 9am - 11am Chrome & Coffee at Iron Gate Motor Condos, 2212 Ferry Rd, Naperville, IL [www.irongatemotorcondos.com](http://www.irongatemotorcondos.com)

April 10, 2016: Skips Swap Meet at McHenry Fairgrounds, 11900 Country Club Rd, Woodstock, IL [www.skipsusa.net](http://www.skipsusa.net)

April 10, 2016: 9am-3pm Great Midwest Train Show at DuPage County Fairgrounds, 2015 W Manchester Rd, Wheaton, IL [www.greatmidwesttrainshow.com](http://www.greatmidwesttrainshow.com)

April 17, 2016: WPC Swap Meet More info: Guy 630-721-0662

April 20 - 24, 2016: Spring Carlisle, Parts Swap Meet & Car Show, Carlisle, PA <http://www.carlisleevents.com/carlisle-events/carlisle-spring-swap-meet-coral-auction/default.aspx>

April 22 - 24, 2016: Spring Jefferson Car Show & Parts Swap Meet, Jefferson, WI [www.madisonclassics.com/car-shows/spring-jefferson.php](http://www.madisonclassics.com/car-shows/spring-jefferson.php)

May 1, 2016: 9am-3pm Great Midwest Train Show at DuPage County Fairgrounds, 2015 W Manchester Rd, Wheaton, IL [www.greatmidwesttrainshow.com](http://www.greatmidwesttrainshow.com)

May 7, 2016: 9am-4pm Munster Car Show, 8601 Calumet Ave, Munster, IN <http://www.munster.org/egov/apps/events/calendar.egov?view=detail:id=1300>

May 13 - 15, 2016: 7am-8pm Spring Vintage Car Weekend, Road America, Elkhart Lake, WI

May 14, 2016: 11am LTCC Car Show at Lyons Township HS, No. Pkg Lot, 100 S. Brainard Ave, LaGrange, IL info: [jengelhardt@lths.net](mailto:jengelhardt@lths.net) [www.lths.net](http://www.lths.net)

May 14, 2016: 9am - 11am Chrome & Coffee at Iron Gate Motor Condos, 2212 Ferry Rd, Naperville, IL [www.irongatemotorcondos.com](http://www.irongatemotorcondos.com)

June 4 - 5, 2016: 10am - 4pm Cavalcade of Planes at Clow International Airport, 130 S. Clow International Parkway, Bolingbrook, IL 60440 [www.cavalcadeofplanes.com/](http://www.cavalcadeofplanes.com/)

June 5, 2016: register at 9am, show 10am-3pm Lambs Farm Charity Car Show [www.lambsfarm.org](http://www.lambsfarm.org)

June 5, 2016: 9:30am-3pm Great Midwest Train Show at DuPage County Fairgrounds, 2015 W Manchester Rd, Wheaton, IL [www.greatmidwesttrainshow.com](http://www.greatmidwesttrainshow.com)

June 12, 2016: Skips Swap Meet at McHenry Fairgrounds, 11900 Country Club Rd, Woodstock, IL [www.skipsusa.net](http://www.skipsusa.net)

June 12, 2016: 6:30am THE BIG ONE Parts Swap Meet

\$5 Will County Fairgrounds, 710 S West St, Peotone, IL <http://peotoneswapmeet.com>

June 12, 2016: 10am-3pm Iron Gate International Auto Show, 2212 Ferry Rd, Naperville, IL [www.irongatemotorcondos.com](http://www.irongatemotorcondos.com)

June 18, 2016: Nostalgia Days Car Show Sheridan Rd, Zion, IL 9am - 4pm [www.nostalgadays.com/car-show](http://www.nostalgadays.com/car-show)

June 18, 2016: 8am-4pm Rustic Auto Club's "Hang Loose - Let the Good Times Roll" Car Show, Humiston-Riverside Park, 400 S Water St, Pontiac, IL [www.pontiac.org/Calendar.aspx?EID=4846&month=6&year=2016&day=17&calType=0](http://www.pontiac.org/Calendar.aspx?EID=4846&month=6&year=2016&day=17&calType=0)

June 19, 2016: CCCA/GIR Father's Day Show at Oakbrook Shopping Center

June 23 - 25, 2016: Bloomington Gold 2016 Annual Corvette Show, Indianapolis Motor Speedway More info: [www.bloomingtongold.com](http://www.bloomingtongold.com)

June 25, 2016: 10am-3pm Car Show Benefit For Elim Christian Services, 130th & Central, Palos Heights, IL Includes and Art & Crafts Show, Kids Zone and a Tour of Elim School.

June 26, 2016: Gears & Ears Car Show/Parts Swap Meet, 7 am until ???, 10826 Rt. 71, Yorkville, IL [www.gearsandears.com](http://www.gearsandears.com)

July 10, 2016: Skips Swap Meet at McHenry Fairgrounds, 11900 Country Club Rd, Woodstock, IL [www.skipsusa.net](http://www.skipsusa.net)

September 4, 2016: Skips Swap Meet at McHenry Fairgrounds, 11900 Country Club Rd, Woodstock, IL [www.skipsusa.net](http://www.skipsusa.net)

September 10, 2016: Secretary of State Car Show, Springfield, IL [http://www.cyberdriveillinois.com/services/vehicle\\_show/home.html](http://www.cyberdriveillinois.com/services/vehicle_show/home.html)

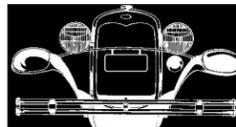
September 16 - 17, 2016: All Studebaker Swap Meet at EconoLodge Motel, 1815 North Broadway, Menomonee WI 54751 More info: Marv Roberts 651-308-0291 [m.rbts@comcast.net](mailto:m.rbts@comcast.net), Fred Koehler 715-639-5114 [fredandpeg@centurylink.net](mailto:fredandpeg@centurylink.net) or Tom Ketelsen 651-426-0535 [ketelbritz@q.com](mailto:ketelbritz@q.com)

September 18, 2016 Cantigny Car Show, Cantigny Park, 1S151 S Winfield Rd, Wheaton, IL 60189

September 23 - 25, 2016: Fall Jefferson, Car Show & Parts Swap Meet, Jefferson, WI [www.madisonclassics.com/car-shows/fall-jefferson.php](http://www.madisonclassics.com/car-shows/fall-jefferson.php)

September 28 - October 2, 2016: Spring Carlisle, Parts Swap Meet & Car Show, Carlisle, PA [www.carlisleevents.com/carlisle-events/carlisle-fall-swap-meet-coral-auction/default.aspx](http://www.carlisleevents.com/carlisle-events/carlisle-fall-swap-meet-coral-auction/default.aspx)

November 6, 2016: Skips Swap Meet at McHenry Fairgrounds, 11900 Country Club Rd, Woodstock, IL



# Pre-War Ford Roundup In Shabbona



Old Ford Fall Road Trip!



The October 4th Northern Illinois Pre-War Ford Roundup held at Shabbona State Park in Shabbona, Illinois was a success for a first time event, as organized by Andy Honiotes of the Joliet club. Attendance for the event was scaled back to prevent overwhelming the park. The weather was a misty 50 degrees and threatening to rain all day. Fifteen A's from four area clubs participated. There was one brave soul who drove his mostly-original Model T "center-door" car from Franklin Park. That's a haul for one guy in a T! The owner says it is his first antique car and he has owned it for three months. [He is really brave]. The Model A clubs represented were the Naper A's, Joliet Region, Illinois Region, and Salt Creek Chapter. Most of the people ate lunch in the café and took home a prepared picnic lunch.



## Nick's Excellent Driveline Project - Part II

**W**hat I found when we cracked open the differential hit me right between the eyes. The pinion gear at the end of the drive shaft had a broken tooth that was jammed into the ring gear. Well, I had finally found the real problem! But we also were looking at an axle with stripped threads, so that began the hunt for parts.

**B**eing on a limited budget, we decided to apply the time-honored scrounge method to search for good used parts whenever possible. That also meant looking around all over the place and contacting a lot of folks. I started with Naper A's members, and then moved farther afield to folks in other clubs. When all else failed, I broke down and ordered new stuff from Bratton's.

**N**ew items included shift tower parts and transmission and drive shaft bearings. Oh, yes...while we were at it, we cleaned up and reinstalled the rear brakes.

**I** could not have accomplished a proper rebuild in a reasonable time without the able assistance of my colleagues in the Naper A's and others in the larger Model A community. Projects like a differential rebuild are done better and much easier with such a support network, and the Naper A's gave that support in spades. I received assistance and parts from many individuals, but the following folks provided really critical help:

**J**ohn Berg - Pinion and Ring Gear set (and misc. parts). John Berg is known for his tremendous collection of parts and provided a match pinion/ring gear set as well as axle bearings and an emergency brake service rod. John is great source for used parts. His pole barn is just chock full of Model A parts and is a must-see.

**J**erry Morrissey - Rear Spring, clamps and shackles. Jerry Morrissey is a MAFFI board trustee and lives in Kalamazoo, MI. I met Jerry at a shift tower rebuild tech session at Gar Williams' garage this past March, 2015, and in conversation we found out that he had a 10-leaf rear spring I needed and Gar Williams had two 7-leaf used leaf rear springs that Jerry needed. We agreed to swap. I got the better of the deal. Jerry had already done a complete refurbish and the spring was ready for installation. And he did the swap at my garage!

**G**ordon Coleman - Rear Axle and drive shaft bearings. Gordon had a spare rear end he bought at a swap meet. The guts in the differential were gone, but the axles and bearings were still good.

**R**on Olson - Special Tools and thorough cleanup. Ron spent a couple days helping me do a complete surgical cleanup of all of the rear end parts. That meant cleaning up 85 years of caked grease and gunk, plus replacing axle grease seals. The lesson learned here is

that you treat the parts as though they were in an operating room; Leave no dirt, gunk or old grease!

**N**oel Delessio and Gar Williams - Provided lots of good advice and counsel as needed on problems like noisy speedometer cable, loose grounds, spring installation, and safety wiring.

**L**indy Williams - Critical help, advice, tools, misc. parts and virtually everything else. Disassembly of the rear end is tricky and required attention. But the reassembly was much harder because the bearings and gears had to be preloaded to provide proper operation and prevent unnecessary wear. I could not have done the quality of work needed without Lindy William's valuable assistance. Lindy is a consummate restorer who has successfully restored four Model As. Setting the preloading requires trial and error, which means having to check the pre-loading each time the differential is reassembled. You do that by changing the number of gaskets on the housing to spread or reduce the pressure on the ring gear. We had to do the disassembly and reassembly twelve times to get it right. The problem was partly that I was using used parts whose tolerances were not as close as new ones. Assembling with all-new parts would have required maybe 2 or 3 tries to get it right.

**M**y sons Nick and Dan - Provided muscle when needed. Dan helped disassemble the differential. Nick was my transmission jack when I reinstalled the transmission. He actually held in place with his hands while I bolted it in. Dan and Nick helped Lindy and me with the reinstallation of the rear end.

**F**inally came the moment of truth...that first drive after seven months of work. I did an around-the-block drive, then extended the distance until I drove about five miles. Later, Lindy and I went for drive using my GPS and got the car up to fifty miles an hour down 75<sup>th</sup> street. It was still noisy but there were no crunches or banging. In other words it sounded like a Model A.

**I**t was late August I had lost most of the summer, but there were still a few months of driving weather left. I have since driven the A on several long drives and I'm still gaining confidence in the car's abilities. Of course, I also discovered a whole new set of issues to be resolved, but the car is drivable for forthcoming events.

**N**ow onto those remaining unfinished fixes... like repairing the wiper motor, addressing speedometer issues, replacing radiator hoses, rebuilding shocks, and doing something to improve the steering box. Then, at some point in the not-too-distant future, I hope to get around to beginning the body work. Stay tuned!



The differential in reassembly.

First look at inside...



The real culprit...my pinion gear had a broken tooth!



Old and new rear springs.



The rear end assembly, ready for reinstallation.



Differential parts and axles during cleaning and inspection.



Sons Dan, on the left, and Nick Jr. rendered youthful muscle when "sorely" needed!



Lindy on a ladder adjusting pinion reload, with me learning how it's done.



## CLIP-OUT Model A Maintenance Checklist

- Complete an all-points chassis lube job.
- Grease rear wheel bearing only one "pump" per year.
- Change engine oil.
- Top off lube in transmission.
- Top off lube in overdrive (if applicable).
- Top off lube in rear end.
- Top off lube in steering gearbox.
- Top off lube in shock absorbers.
- Fill battery, inspect and clean terminals.
- Fill radiator with water or antifreeze as needed.
- Check radiator hoses for soft spots and leaks.
- Check all tires for excess wear or sidewall cracks, etc.
- Check and fill tire air pressures to 35 psi.
- Adjust fan belt (it must NOT be tight).
- Check for cracks in the fan belt or other deterioration.
- Check fan for tightness, blade cracks, and radiator/belt clearances.
- Grease water pump, both front and back.
- Check packing nut for packing, leaks and tightness.
- Pack front wheel bearings.
- Inspect inner races and bearings for cracks or pitting.
- Tighten wheel bearing nut for proper bearing load.
- Recheck bearing tightness after short test drive.
- Inspect wheels for wobble or damaged lug holes.
- Check tightness of wheel lug nuts with the car on jack.
- Check steering wheel for any looseness in the steering linkages.
- Adjust steering if loose or too much free play.
- Check for looseness in the wishbone mount.
- Top off gear lube in the steering box.
- Set point gap and timing.
- Adjust steering if loose or too much free play
- Oil distributor bottom bearing.
- Oil distributor top bearing with care to remove any excess oil.
- Lube cam/point wiper.
- Remove, clean and reset gap on sparkplugs.
- Oil generator bearings, front and back.
- Check generator output. Set to less than 10 amps for long trips.
- Adjust brakes - all four wheels should slide if necessary!
- Check entire car for loose parts, nuts, bolts, hardware etc.
- Check for missing cotter pins.
- Check windwings or wind deflectors for loose hardware.
- Ensure that starter rod lock nut is secure.
- Check for any excess fluid leaks.
- Check lights, including brake lights, and horn for proper operation.
- Check wiring for worn places.
- On 1929 cars, check wires in the loom tube on side of engine for wear.
- Check that the loom below the fan is secure to bottom of radiator.
- Check that the gas cap vent is open.

ENJOY SOME TROUBLE-FREE MODEL A MOTORING

