



Paw Prints

VOLUME 4, ISSUE 11 & 12

SPECIAL POINTS OF INTEREST:

- Marietta Cruise
- Compression Testing a Gas Engine

INSIDE THIS ISSUE:

Letter from the Editor	1
Club Cruise to Marietta	2
Tech Column	5
Tiger Bytes/ New Members	9
For Sale	10
Meeting Minutes	11
Calendar of Events	12
Sponsors	15

A Letter from the Editor

I write this month's piece the day after Thanksgiving and as I sat at my Facebook page Thanksgiving morning, with my dinner's main course in the oven at 6am, I was thinking about all I was thankful for this year.

Of course, God has blessed me with a great many things. But, as I wrote in my post yesterday morning, I am most grateful for my family and friends.

Sure, I am also thankful for my job and the things that job allows me to buy and do, but frankly without the people who matter most to me, all the things and money in the world

wouldn't fill the void left behind.

The people of this club are my friends and part of that group that for which I am most grateful. I sincerely hope that we continue to keep this club what it has always been to me in the 5 years I have been a part of it.

One last item to cover with you all before signing off. This month's issue of the Paw Prints is going to be a two-month issue. It will be the November/December issue. The only reason I am doing this is to put our newsletter on a monthly schedule that is consistent with the print industry. We usually

publish a month in the rears and I would like to move that in the other direction. That doesn't mean there will be one less issue. It just means that the issue you will receive at the end of December will be the January 2014 issue. Since there is no December meeting nor minutes to publish, it would be the perfect time to do it.

That's it for now. Stay warm and Happy Holidays! See you in January!

—Kevin



GTOACO Club Cruise to Marietta, Ohio

On September 28 the club took a fall cruise to Marietta Oh for an evening on the river boat and watching the Bucks thump on Wisconsin. Great weather, great company, and no breakdowns—doesn't get any better. Marietta turned out to be an ideal destination in that it's not too far and there are several things to do in a quaint river town.

The route took us through several small towns. Traffic was light but it was still a challenge to stay together. We did learn the Lonnie No. 1 Salute when we stopped at a convenience store to re-group—didn't occur to me that anyone needed a rest stop that quick into the trip. We went on leaving Lonnie to catch up again, we'll know better next time.

We stopped for lunch at the Blue Bell Diner in McConnelsville. Blocks, Hartleys, and Treiers met us there to fill out the group of 21. The Blue Bell is a 50's diner with a real 50 jukebox and lots of car photos on the walls. We were able to take over the back part of the diner and have a nice lunch.

The Valley Gem sternwheeler was a pleasant way to spend a late Saturday afternoon. With the great weather and our large group, we were given the upper deck of the boat to ourselves for dinner. The magician entertainment wasn't quite David Copperfield but was one more piece



GTOACO Club Cruise to Marietta, Ohio



After the cruise we convened in the hotel bar to watch the Buckeyes battle Wisconsin. Nice bar, good company, good drinks, Saturday night Karaoke not so good. Everything went great until half time when the Karaoke crowd started up. In any case, for those of us who charged drinks to our room; the bar was confused and all the tabs were lost. Free drinks could be the highlight of any weekend trip.

On Sunday, Deb Block set up brunch at the Lafayette Hotel in downtown Marietta. It's always good to have breakfast with a large group of good folks before you take off on a GTO cruise.

The return trip on Route 550 was great fun with sunshine (mostly), early fall colors, no traffic, and twisty curvy road providing lots of opportunity to play with GTO torque—and lots of opportunity to slide around on 60s vinyl seats, especially if you don't have seat belts.

Thanks to everyone who came along on the trip. This was a follow on event spawned by our successful trip to the Narcisi Winery in Pittsburgh last fall. It's time to pick a destination for another overnighter next fall.



GTOACO Club Cruise to Marietta, Ohio



A sign of things to come.....??

Compression Testing a Gas Engine

By Lindsey Cooper & tech edited by Steve Schaeffer, A.S.E.,

Overview

A gasoline engine has 4 strokes.

- ◇ Intake — The intake valve opens and the mixture of gasoline and air comes into the cylinder.
- ◇ Compression — Both valves, the intake and exhaust, valves are closed. The piston comes up to the top of the cylinder, compressing the gas air mixture.
- ◇ Ignition — Both valves are closed, the spark plug fires, causing an explosion in the cylinder forcing the piston down. This is what powers the car.
- ◇ Exhaust — The exhaust valve opens and the piston comes up in the cylinder forcing the burnt exhaust gases out.

A mechanic does a compression test to check to make sure that the engine is in good working order. This test checks the condition of the engine.

Compression Gauge

A compression gauge works just like an air gauge. If you've ever checked the air in the tires on your bike, or seen your parents checking the air in the tires on their car, they're using an air gauge.

The air gauge measures pressure in pounds per square inch and the compression gauge does the same. The difference is with tires we're looking at pressures between 28-38 psi. With the compression gauge, we're looking at pressures between 100-250 psi.



Compression Testing a Gas Engine

The Compression Test

We are running a compression test to test a used six cylinder engine for my cousin's truck. We want to make sure that the engine is in excellent condition before we purchase it.

To run the compression test, we are going to remove all the spark plugs, hook up a good battery, and use a remote starter button. We will then test each cylinder individually. We want to make sure that each piston, the piston rings, and the valves are sealing properly.

If the cylinder doesn't hold the proper compression, the engine won't have the correct amount of power. We have to have good compression for the 4 strokes to work right.

The Results We're Hoping For

You're only allowed to have 10% variation between the cylinders. So, if our best cylinder is 140 psi and our worst cylinder is 120 psi, the engine doesn't pass the inspection, because 10% of 140 is 14 and a difference of 20 psi is 6 points too much. But, if our best is again 140 psi and our worst is 126 psi, the engine would pass.

The Set-up

If I were doing this compression test inside the car, which I am not, I would also need to disable the ignition.

This is a picture of the engine before I did anything to it:



You can see that I am pointing to a spark plug. All of the spark plugs on this engine are clean; nice and white. Then, we hooked up the starter, connected the engine to the battery and to the starter button.

We then had to remove the 6 spark plugs from the cylinder heads. This whole setup takes about 1 hour.

Compression Testing a Gas Engine

The Compression Test

To run the compression test, you need to make sure you have all the tools you need first:

- ◇ Compression Gauge
- ◇ Spark Plug Adapter Hose
- ◇ Spark Plug Ratchet & Socket
- ◇ Starter Button

You will also need to have a pretty good amount of oil in your engine.

We have already taken out all the spark plugs, so we have 6 cylinders ready to be tested on. We hooked up the compression gauge to the hose, and then we hooked the hose up to the engine. Next we held down the starter button until we had a steady reading on the compression gauge. We then recorded our number.



Compression Testing a Gas Engine

The Results

1 205		2 205
3 210		4 220
5 200		6 220

Our best cylinder had a reading of 220 psi, and our worst cylinder had a reading of 200 psi. 10% of 220 is 22, and 220-200 is 20. So we stayed within the allowable range.

The Conclusion

We successfully tested the Chevrolet 4.3 V6 engine for my cousin's truck. The engine had excellent compression, it was beyond our expectations. We now know the engine has good valves, pistons, rings, and the head gaskets aren't leaking.



Tiger Bites! - Noteworthy News Bites

- ♦ **2014 Summer Show:** Our summer show returns to a two day event this year at the SafeAuto facility in Easton with a Saturday evening cruise and all Pontiac show Sunday. Kevin Landis is the chair. We provided August 9th & 10th and August 16th & 17th as options for dates. Please come to the January meeting. It will be dedicated to details and subcommittees for this event!
- ♦ **2014 is the 50th Anniversary of the GTO!** The Nationals are in Pittsburgh and the Arthritis Foundation Car show (the weekend after the Nationals) is featuring the GTO for it's anniversary. Our club is planning to participate in that feature show within a show. Mark your calendars for it. July 11 & 12, 2014
- ♦ If you need to renew or are thinking of renewing your **GTOAA membership, please do so** to ensure our club remains a valid GTOAA chapter with all the benefits of that status. There is an application in your Paw Prints below and the GTOAA can now take membership applications on line.
- ♦ The 2014 Swap Meet has been scheduled for March 23, 2014. Look for information in email and here in the Paw Prints for more information as it approaches.
- ♦ The 2014 Holiday Party has been scheduled for February 22, 2014. Lonnie and Lynn McLaughlin have volunteered to host the party again this year and Lynn offered to prepare the food.! Thanks McLaughlins! Please bring a dessert. There will be \$10/person fee (collected at the party) to help cover the cost of the party. Please RSVP to Lonnie and Lynn (londart@aol.com) or Donna Landis (sharklandis@netscape.net) if you haven't already or signed up at the November club meeting.



Welcome New Members!

John Hoffman:

- ♦ We are very happy to welcome John Hoffman back to our club! John has a Spice Red Metallic 2006 GTO with the following modifications: 1900 TVS Supercharger, Duspeed CAI, CAM, headers, 3" custom exhaust, 3.75" carbon fiber drive shaft, 9" IRS rear end from GForce Engineering. Horse power: 570 rwhp & 552 rwtq.
- ♦ John also has a 79 Firebird Formula that he is willing to sell or keep as a father-son project. It has a 403 olds motor, T-Tops, non air conditioned. John is married to wife Cheryl and they have a daughter, Hanna, and son, Joshua. John is very happy to be back with our club and we are just as happy to have him!

For Sale

- ♦ For Sale! A TON of miscellaneous 1964—1969 GTO parts and some Pontiac Sales Literature for many years. See the club web site, in the Forum section in the For Sale Forum for the entire list and contact information (<http://www.gtoaco.com/forum/index.php>) CALL 440 254-4642 or email me (patandgreg2011@hotmail.com)
- ♦ DJ GTO Parts! Now your one stop shopping place for used and NEW GTO parts. If you know the part number, great, otherwise just let them know what it is you need! See Dan Gregory Jr. (or call 614-563-0877 or email info@djgtoparts.com) for more information and options for taking delivery of your parts or visit their website at <http://djgtoparts.com/>. GTOACO members receive a discount!



- ♦ For Sale. '66-'67 GTO "Desert Cooler" copper and brass 4 core radiator from Ames. 15.5 inch core, standard shift, perfect condition. \$399.00 new, \$200.00. Hoses are top left, bottom right. Will fit '64-'65 if you use a '66-'67 gooseneck. Steve Schaeffer. 740-654-8959



Send in your items for sale to your Paw Prints Newsletter Editor (pictures welcome).

Remember, ads are FREE to GTOACO Members!



Meeting Minutes November 13, 2013

President Jim Evans called the meeting to order. Those in attendance Steve Schaeffer, Kevin Landis, Brenda & Cody Ferguson, Brent Barham, Lonnie McLaughlin, Joe Block, Shaw & Kim Rinehart, Pam & Stan Farlow, Bill Sigg, Dan Gregory, Max Treier, Jim Lowry, Ron Cozzo, Kevin Russo, Jeff Frazier, John Hoffman, Mike Shockley, Rob Wilson, Donna & Ron Landis.

Treasurers Report: Mike Shockley gave the Treasurer report. Speaking of Mike he and Stan had a talk and Mike will be staying on as Treasurer for 2014.

Columbus Zoo Show: The show was moved to October 20th due to the weather. Our club parked all the cars to help Jeff Inskeep and the show out. About 17 GTO club cars were in attendance. Ron Cozzo & Jim Evans were winners.

Holiday Party: February 22nd at Lonnie & Lynne McLaughlin. Lynne will be preparing the food. Members will need to bring a desert. Sheet was sent around to sign. Those who were not at the meeting & are coming, please rsvp to Donna by February 8th. \$10.00 per person will be collected at the party or at the meeting in January & February. 28 people signed up at the meeting.

Auto Show March 13th-27th: Kevin Landis '64, Jim Evans '65, Max Treier '68, Rick Farrell '71 and Brenda Ferguson '06 will be on display. What a great way to promote the club. This is part of our participation in the 2014 Arthritis Foundation Show.

Swap Meet: March 23rd at Haydocy: Vendor space \$15.00 and \$2.00 admission. Kevin Landis is getting the food vendor. Jim will be making up post cards and will be ready to mail out the first week in January.

Arthritis Foundation Show 2014: No information from them as to what color of '64 they are wanting. I believe Jim Evans and Kevin Russo are meeting with them on November 14th.

GTOACO SHOW 2014: Looks like Safe Auto will be the setting for the cruise and car show. Kevin Landis wants to chair this event and all members in attendance agreed. Tom Boyd from Safe Auto is on board and is willing to help with sponsoring including radio spots on 96.3 & 95.5. The CEO is also on board but only asking that we have our own insurance which we can get from the GTOAA. Kevin will schedule a meeting with Boots from car talk. He has offered to help promote the cruise and show. Kevin is also looking for club members to delegate different jobs like marketing, food, parking, tabulation etc. He said he would also like to have the band Reze Hall back. We owe that to them. Also, seeing if Haydocy would sponsor the band. If they pass on it he believes he can get the GM dealership promotions team to help out. With Safe Auto not being in Dublin we can use a semi flat bed for the stage. He already has the portable toilets donated from ABC. Safe Auto is asking for a few dates. We came up with August 9th & 10th and August 16th & 17th. The meeting in January will be all about the cruise and show so all members are urged to attend.

Doubletree: Jim received a phone call from Karrie Boor with Doubletree to tell him that the 2016 and 2017 dates are open for the GTO Nationals and they would love for us to hold either year there. (Just a thought everyone)

NO DECEMBER MEETING

Meeting Adjourned: Ron Cozzo 2nd by Joe Block

Submitted by Donna Landis, Secretary

*Meetings held
the 2nd
Wednesday
each month at
Haydocy
Automotive on
W. Broad St.
Columbus, OH*



Calendar of Events

No December Club Meeting! Happy Holidays!

December 24, 2013

Christmas Eve!

December 25, 2013

Merry Christmas!

December 31, 2013

New Year's Eve



DECEMBER 2013

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



GTOACO Club Officers

President

Jim Evans

13791 Cable Rd

Pataskala, OH 43062

740-927-5302

gtoaco71@columbus.rr.com

Vice President

Kevin Landis

4670 Big Plain-Circleville Rd.

London, OH 43140

740-361-1116

klandis@absolutecleaner.com

Treasurer

Mike Shockley

6812 Chateau Chase Dr.

Columbus, OH 43235

614-395-6411

schockleymike@att.net

Secretary

Donna Landis

58 Arlington Ave

London, OH 43140

740-506-5804

sharklandis@netscape.net

Board of Directors

Toni Boyle

6394 Medinah Ct

Westerville, OH 43082

614-899-7716

Ron Cozzo

1710 Buttermilk Hill Rd

Delaware, OH 43015

740-777-1135

rcozzo@earthlink.net

Brenda Ferguson

8819 Crestwater Dr

Galloway, OH 43119

614-878-1789

Newsletter Editor

Kevin A. Russo

3175 Arctic Ave.

Lewis Center, OH 43045

740-549-2279

krusso_sp@hotmail.com

Newsletter Mailings

Bill Hartley

9810 Roller Rd

Byesville, OH 43723

740-685-6525

bhartley@hartleyco.com

Web Master

Paul Wilson

107 Leonard Ave

Newark, OH 43055

740-973-7807

webmaster@gtoaco.com





GTOAA Information

Your chapter is an affiliated chapter with the GTO Association of America. You can join the National GTO organization, the GTOAA & receive the Golden Quill Award Winning publication, *The Legend*.

To Join complete the form below and mail in, or join online at www.gtoaa.org



Membership Application

Date: _____

Mem #: _____

Name: _____

Phone: _____

Address: _____

Email: _____

GTO Ownership is not a requirement of membership to the GTOAA

GTO OWNERSHIP

Year _____ Body Style _____ Engine _____

Year _____ Body Style _____ Engine _____

Year _____ Body Style _____ Engine _____

I agree that, if elected to membership, I will conform to all rules of the Association and conduct myself in the manner that promotes the goals and purposes of the Organization.

Signed: _____ Date: _____

DUES:

\$35.00/year for members in the USA, \$40.00USD/year for Canadian members, and \$50.00USD/year for all other international members. \$5.00 for associate memberships in the same family name (includes membership card, decal, and membership listing). There is a \$2.00 bank processing fee for applications paid by credit card.

CHECK / MO # _____

Mastercard / Visa Card # _____ Exp # _____

Signed: _____ Date: _____

Make Check/Money order payable to GTOAA:

Mail signed Application to: GTOAA, PO BOX 455, Timnath, CO 80547

GTOACO Sponsors



Haydocy Automotive

3985 West Broad St
Columbus Oh 43228
(614) 279-8880

Absolute Cleaning Services

Cleaning Blinds, Fire Damage, Ceiling cleaning & service restoration

Kevin Landis, President

4670 Big Plain-Circleville Rd.

London Ohio 43140

740-361-1116

klandis@absolutecleaner.com

Inskeep Brothers, Inc.

Printers

Jeffrey K Inskeep

3152 E Dublin-Granville Rd

Columbus Ohio 43231

614-898-6620

DJ Auto Parts, Inc.

Dan Gregory, II

11283 Main St

Stoutsville Ohio 43154

740-474-4614

Fax 740-474-2314

Rust Free Parts & Cars Bought & Sold

Capital City Appliance Service

Jerry Brownfield

2830-D Fisher Rd

Columbus Ohio 43204

614-308-9028

Fax 614-308-9034

ccas2830@aol.com



2010-2013 GTOAA Newsletter Certificate of Excellence Recipient
A Publication of the GTO Association of Central Ohio
NOVEMBER / DECEMBER 2013

740-927-5302
Pataskala, OH 43062
13791 Cable Rd.
Jim Evans

2010—2013 GTO Association of America Newsletter
Certificate of Excellence Award Recipient

