

TROUBLESHOOTING ENGINE NOISES

A knocking sound in the engine is most likely caused by one of the following:

1. **PISTON SLAP:** Makes a sharp metallic noise. Idle engine and short out each cylinder plug. The noise will disappear when plug with bad piston is shorted.



Noise will also disappear at acceleration. This can be caused by worn or out of round cylinder, or broken piston ring. Correct problem by re-boring cylinder and/or replacing piston.

2. **VALVE NOISE:** Makes clicking or rattle noise. Caused by excessive wear on valve stem or lifter, out of adjustment, or stuck valve. Correct by adjusting valve clearance, replace worn valve or lifter, regrind cam, replace valve guide and l or valve. A stuck valve can sometimes be loosened by passing oil through the carburetor while engine is running.
3. **ROD BEARING KNOCK:** Makes sharp metallic noise similar to a piston slap. Detection is opposite of piston slap. Rod knock is not heard at idle. Knock becomes louder as engine speed is increased. Caused by excessive rod

bearing clearance. Correct by adjusting rod bearing clearance to .0015 inches by removing shims. May require re-pouring rod bearing.



4. **REAR MAIN BEARING KNOCK:** Makes dull knocking or thud noise. Detected at speeds between 20 and 50 MPH. Knock will normally decrease or disappear while pulling or decelerating. Noise will be detected the loudest at normal driving speed, when not pulling or decelerating. Correct by adjusting bearing clearance to .001 to .0015 inches. If knock is excessive, crank should be checked for out of roundness. May need to re-pour all main bearings to correct.
5. **TIMING GEAR KNOCK:** usually the most difficult to diagnose. If gear is loose or badly worn it will knock in all ranges. Run engine slightly above idle speed. Slowly open and close throttle. Knock will continue to be present, but just as engine slows down knock will become a slight rattle. Remove timing pin and reinsert into timing hole on timing gear cover. Press timing pin tightly

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THIS IS THE THIRD AND FINAL MONTH IN WHICH *THE REFLECTOR* IS POSTING AN ITEM SUGGESTING THAT MEMBERS WHO RECEIVE BOTH EMAILED AND PRINTED COPIES OF THE NEWSLETTER, CONTACT THE EDITOR. MANY HAVE. SOME WHO ONLY RECEIVE THE PRINTED EDITION HAVE ALSO MADE CONTACT. POTENTIAL CHANGES FOR THE 2023 MEMBERSHIP YEAR WILL NO DOUBT BE DISCUSSED IN THE NEXT FEW MEETINGS. IF YOU CAN'T ATTEND THOSE MEETINGS AND WISH TO HAVE YOUR VIEWS CONSIDERED, PLEASE CONTACT ONE OF THE REGULARLY ATTENDING BOARD MEMBERS.

The Message from President Ed

The clubhouse was rather empty for April's meeting with many members up North attending a regional MAFCA meetup in Paso Robles and associated tour activities. We all await their return and personal roadside accounts.



The meeting started late as it's hard to interrupt good conversation. A small crowd (16) shared the evening. We did little business. We briefly discussed the MAFCA youth restoration award. We got a treasurer's report, and talked about how to spend some money.

David Frazee brought up a question of how to dispose of a pile of engine blocks, heads, and heavy Model A stuff, as scrap metal prices are virtually nothing.

Ed, the president, brought in some old record album covers featuring Model A Fords as props. Jon and Anna set up the raffle and then suspended it until May as by meeting time, no one had purchased tickets. It will be a really good one next time!

This month's lunch tour turned out to be a good one. David passed the leader torch to Bruce Howe, who led the group from the club house, thru portions of rural San Luis Rey Valley and agricultural Oceanside, ending at the Harbor, where we enjoyed a banquet at the Oceanside Broiler and a "parking lot social."

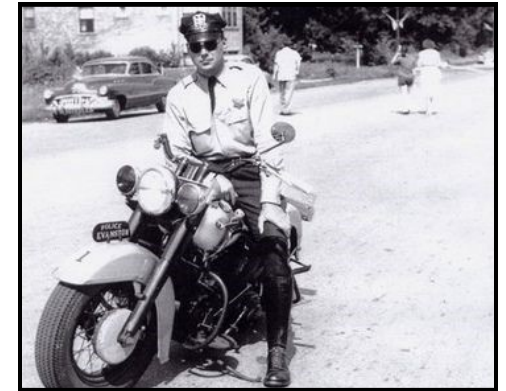


Last meeting I mentioned it, but forgot to include in the newsletter, the passing of Brian Treserdern, a proud owner of a beautiful AA pickup. He was a life-long mechanic for Volvo motors, a cheerful man, who loved his truck, "Maggie." Brian was once our technical director. Our condolences go out to his widow, Pam.

Meanwhile.... Back at the chicken ranch. My jerky journey continued. The roadster pickup rested and rusted quietly. My uncle "borrowed" the pickup bed to make a dump trailer. The replacement Model A found a new place to dwell. Dad's new truck now lived in the garage. The second Model A moved to the feed house, under dry storage, and essentially became mine.

I honed my skills for many years on that truck. Where I grew up, on the fringe of town beyond the city limits, there were

few cops, and those who infrequently patrolled the area, never drove on the unpaved roads.



From my house, in less than a half of a block, one could be off the public highway, and be on uncharted dirt roads forever. My family considered a short trip by an unlicensed driver on a public road to be a minor teenage misdemeanor. With miles to roam the Lytle Creek Wash and environs became my personal Disneyland. There wasn't a deep sand wash or boulder strewn pathway that couldn't be conquered by that Model A. All you had to do was watch out for the occasional rabbit hunter or horseback rider.

I even got good at sneaking the truck out for adventure. The trick was not to get stuck or to run out of gas or you would be busted for sure. I became skillful with a short-handled shovel and bunches of sagebrush to restore traction.

Well, I was getting older, and all good things seem to pass....

Stay tuned, there's more.

Minutes of the Meeting

Call To Order: The April 6, 2022 meeting of the Palomar Model A Ford Club was called to order by President Ed Simpson at 7:08 pm with 16 members attending. The Pledge of Allegiance was lead by Ed himself.

Minutes: Ed recognized that the minutes of the February and March meetings were printed and now distributed in *the Reflector*. David Frazee moved and Steve Curie seconded a motion to accept the minutes as published and the motion was passed to accept the minutes.

Treasurer's Report: Treasurer, Greg Wilson provided the balance of the club's account and presented a bill from Rancho Bernardo PrintPros for the printing of *The Reflector*. A motion was made and seconded to pay the bills, and that motion then passed. There was a brief discussion on ways to spend down some of the balance.

Visitors, Sunshine and Sorrow: Donna Lugo reported that John Giuliano has improved from his surgery and is now again able to walk, only now with the help of a cane.

Long Tour Report: It was noted that Bruce is touring with a large contingent of members to attend the Central California Regional Group Jamboree in Paso Robles.

Short Tour Report: David Frazee reported on the success of the Fat Ivor's tour and the lunch table discussion held therein. As a result, the April 11th tour to the

Oceanside Broiler will meet earlier, at 10 am, in order for a short back country tour to admire the scenery rather than a mad dash for quick eats.

So Cal Report: David Frazee reported that he has now joined the San Diego Model A Ford Club in order to better coordinate activities in the So Cal Region of MAFCA when that opportunity again arises.

Vice President's Report: Mark Greenlee had several shirts and hats for sale.

Reflector Director's Report: David Frazee reported that things were going "fine."

Membership: Lisa Frazee has resigned from the chair position with *The 2022 Handbook* printed and distributed, and everything prepared for the next volunteer to step in. It was noted that Jack Phillips had rejoined the club and his information was published in the April *Reflector* on page five.

Tech Director: Ed Simpson brought in a collection of half a dozen LPs which have Model A's prominently used as cover art.

Web Master: Sheila Saxman was not in attendance.

Public Relations: Barbara Kruegel was not in attendance.

Correspondence: There was an announcement from MAFCA concerning the Youth Scholarship and Restoration Awards.

Old Business: At the John Frazee memorial, President Ed met MAFCA President Jay McCord who presented him with a certificate commemorating the 60th Anniversary of the founding of the Palomar Model A Ford Club Chapter.

New Business: David Frazee brought up that there are many engine blocks and heads at his mother's house and that some high school shop class could use them for practice boring cylinders and machining heads. There are many additional parts also and could be enough for the school to restore a couple of functional engines which they might then sell. The club might provide a supporting donation of funds for the purchase of parts necessary the complete these two engines.

Hospitality: Anthony thanked members who brought refreshments to tonight's meeting. For next month's meeting, Richard Alan will bring refreshments.

Raffle: Jon and Anna Velasco had not sold any tickets by the Call to Order, and so it was decided to offer most of the prizes at the May 4, 2022 meeting. The donation of an Easter basket by Nancy Quinlan was recognized and returned for possible donation in 2023.

Adjournment: There being no further business, the meeting adjourned at 7:48 pm.

Respectfully submitted by David Frazee

Engine Noises Continued

against timing gear and accelerate slightly above idle. Knock will significantly be reduced or disappear. Correct by replac-



ing both timing gear and crank gear as a matched set. The two gears should have a backlash clearance of .003 to .004. If more than .009 inch backlash, an over-size (.005) timing gear should be installed,

6. WRIST PIN SLAP: This can not be detected by shorting out the cylinder plugs. Rapidly accelerate and decelerate the engine speed. The engine will pass through a certain speed range when the wrist pin will rattle at about the same pitch as a valve tappet noise. This can be corrected by installing a new wrist pin bushing in the rod or new wrist pin if badly worn. Wrist pin should fit the piston and connecting rod with a tight metal to metal fit. The pin can be pushed into the piston and rod with a slight pressure of the hand. Pin to rod clearance is .0003 to .0005 inches.

Local Tours Oceanside Harbor & San Marcos Park

The eleventh was a beautiful day for a tour, which, like the March tour to Valley Center, attracted fourteen members. You might think that the same group this time went to the Broiler in Oceanside Harbor, but you would be mistaken. Only six of us made it to both.

Bruce was the leader of this tour as plans were to run through his stomping grounds, and some of those rural streets up through the coastal valleys are marked as gated or private on the maps. One of the many plaques in my dad's barn jokes about the time my grandfather was tour leader and drove the club down a bumpy gravel road and members wanted to lynch him.. I wanted to avoid that.

On the way we passed the Bonsall Schoolhouse (1895) and the Bonsall Bridge (1925) to get to the Boiler's building (1987) at the Oceanside Harbor (1963). Quite a run of history.

Come to the tour next month when we'll pass by several more historical locations!



Lunch Tour Date: May 9, 2022
Time: 9:45 @ Palomar Estates

Expected Arrival: 11:15

Location: Mama 'n Papa's Pizza Grotto
988 Civic Center Dr, Vista

We'll loop through Twin Oaks, Buena Creek, and Monte Vista, passing a stone's throw from Jim & Nancy Quinlan's. We'll also make a stop at Walnut Grove Park. The Hist. Society will be closed, but not the park & parking lot.

CCRG Meet & Central California Tour

It was wonderful to drive up to the Park-n-Ride on Sunday, April 3, and find that NINE Model A's were making the drive up to Paso Robles! It was so very great to see 13 people ready to enjoy our first long tour in over two years, two of whom were members of the San Diego Club, Rick and Janet Books. And then, once we were up there, we were joined by several other members who either drove moderns or came with other groups.



We hit the road in rather overcast weather with Bruce Howe leading, and headed north on I-15 towards Pasadena on the way to Paso Robles. We had a Mexican lunch on the way to our Port Hueneme overnight. An anonymous member had a clamshell around the universal joint come loose for our first 'roadside seminar' in the hotel parking lot, but it was repaired and ready to go the next morning.

Clyde Marion made arrangements for an 8am visit of the Seabee Museum, which usually isn't open yet for visitors. Jose

met us and we had a very informative tour covering Seabee history – WWI,



WWII, Korea, Vietnam, up to current day. The Seabees, although part of the Navy, were the ones who put the infrastructure in place in conflict areas using construction personnel. We left Port Hueneme, heading towards Paso Robles, and ended up on the Chumash Highway trying to find a gas station. That beautiful highway took us through some terrific scenery. We stopped in Solvang for lunch, followed by ice cream (of course!), and a bit of shop-

ping.

Up in Paso Robles, lots of Model A's were already at the hotel, and we settled in with a Happy Hour talking about our day. First thing in the morning, we all got our registrations and goodie bags and visited with all the other attendees. After several seminars – the most popular being the Burtz engine one – a barbecue dinner was served with entertainment.

There were several choices the next day. You could choose to visit Camp Roberts, go



to Jack Dewer Auto Museum, or see Brassworks and the Estrella Warbird Museum. Some members chose their own drive, which included visiting a winery (Robert Hall Vineyard, recommended by Clyde's son) and then a wonderful visit to the Pioneer Museum led by Sharon, a docent who opened the museum up specifically for several of us to tour. For dinner that night, the banquet was on tap for several, or a trip into downtown Paso

(Continued on page 6)

CCRG Tour Continued

Robles to Pappy McGregor's Gastro Pub for others. We had some big winners at the raffle: Howard Kruegel won both the gas tank and the shocks, Bruce Howe won a distributor, and Barbara Kruegel won a great era picture.

It was a relaxing departure the next morning, since we only had to drive to Tehachapi. We



lost two of our cars on this leg: the drive includes a very long, steep hill up the Tehachapi Grade, so the Books decided to take the coast route home, and the Burrells went to visit family in the area. Unfortunately, the next morning we also lost Clyde to a tow truck as his car had some issues surface. But the seven cars now hit the road home early at 7am. We did stop for gas, and some of us had lunch at Nussy Burgers, but all had a great time just getting out on the road and getting together. So glad the CCRG is once again scheduled!

Linda Thamer

Upcoming Tours You Can Add to Your Schedule

CAMPO DAY

Experience the history and heritage of San Diego's East County during Campo Day. The event will take place on **Saturday, April 30** at four separate locations encompassing the community's colorful past which includes a historic railway, Wild West shootout, Native Americans, pioneers, cowboy skills, Buffalo soldiers, a cavalry camp and living military history. There's also an evening dance. If that sounds like fun, contact the editor's email and we'll try to get folks together for the trip.



37th ANNUAL ANTIQUe TRUCK SHOW

Southern, California Railway Museum
2201 South "A" Street, Perris, CA

Saturday, May 7, 2022 9AM-3PM
Entry fee \$7, \$12 for entry fee and all day ride pass No Pets

The plans are to meet together with Bruce as leader at Park & Ride located at Hwy15/Hwy 76 at 8 AM

The Truck show features vintage trucks,

military vehicles, fire apparatus, farm tractors and equipment. Rides on the vintage trains at the Railway Museum.



Sunday, May 29, 2022

10 AM to 3 PM at Bates Nut Farm
Free Admission and Parking

No tour leader or meet time arranged as yet. It will be brought up at May's mtg.

What could be more fun than the Fallbrook Vintage Car Show? The Fallbrook Vintage Car Show in Valley Center!

As you most likely read, in the Minutes under "Old Business" Palomar has been recognized for its 60th anniversary, and historians will recognize that our club was founded as a MARC club based in Fallbrook that hosted the All California Model A Day and Antique Car Exhibition that happened in late 1961. This is the outgrowth of that original event. The Fallbrook club wanted to expand into other makes and models and in 1975 affiliated with the Antique Automobile Club of America. So, many of the Model A owners split off, and the rest is history.

Dressing Yourself: An Online Shopper's Experience

The San Diego Club mentioned in their newsletter, that a MAFCA member, Lucille Saez, was selling off her vintage fashions (her number is 970-259-3519) so I wanted to look up an outfit and have some idea of a reasonable price.



Ebay has this [grey tweed cabbie hat](#) for \$25



Dandelionvintage.com has this [pair of high socks](#), meant to be worn with knickers, for \$45

I found lots of retro looking dress shoes, but athletic shoes look far more authentic, so when I found some cleats, I looked to create a full golfer's wardrobe.

[Gem.app](#) is a convenient way to window shop for vintage clothing from various



Nice pair of [knickers available on Ebay](#), have a 28 inch waistline, but currently priced at \$192.

online retailers. It's not very precise, and you have to open each to see the size, but it links to many more items than any other single site. Of note: I searched for underwear and then boxers and it came



These [vintage size 8 1/2 men's cleats](#) sell for just \$96 found on Etsy



I mostly wanted to look for men's golf fashion, but wanted to include this blouse for just \$50 when I saw that the [producer was in Ukraine](#).

up with two different lists, Ebay's algorithm recognizes that they are the same items.

This one outfit would have worked out to be between \$500 & \$600, but I'd look *marvelous!*

Aesop and Golden Eggs

The saying “Shooting yourself in the foot” appears a hundred years ago as advice for hunters carrying loaded weapons, not as a euphemism for doing something self-destructive that hurts you. That idea seems to have come into being and became popular after the 1970s.

Prior to that, a common saying with similar meaning was not to kill the goose that laid the golden eggs. Supposedly, it originated as one of Aesop’s Fables, but after much research, I have my doubts. In the 17th century, it was a hen rather than a goose, and in ancient Buddhist Jataka Tales, it was a swan with golden feathers that were plucked all at once.

In the 18th and 19th centuries, the stories change with every telling, but they regularly have a message against gambling, and in favor of contentment. In the post WWI literature, the focus seems to be shifted to messages against self-destruction and greed. In the 1923 book Reader for New Americans, the story is placed on the same page as *The Dog in the Manger*, another story about greed destroying resources.

In the Model A Era, newspaper and magazine articles regularly use the fable to argue against taxation, against alimony, against civic and social improvements, and against wives nagging their deadbeat husbands. The implied threat as to the loss of business or husband if you ask for too much is there, but the similarities of ever receiving handouts of golden eggs or golden feathers is often left out of the story.

Interestingly, in the US, there were high



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rates of business and marriage failures between WWI and FDR. After FDR there was a break in business failures to pre-WWI levels. Also, as there were fewer marriages, there were many fewer divorces.



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MAY 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Donna Payne Steve ♥ Irene DeAmbrogio	2	3	4 Greg Wilson Club Meeting at 7 PM	5 Chuck Grabowsky	6	7 Peggy Hopkins Perris Truck Show meet at the Park & Ride at 8 AM
8 Judy Burrell Mother's Day	9 Richard Allen Lunch Tour to Ma- ma 'n Papa's Pizza Grotto through Old San Marcos meet at 9:45 AM	10 Arlene Belt	11 Johannah Leffingwell Robert ♥ Shiela Saxman	12	13	14
15 Karyn Frazee	16	17	18	19	20	21 Jim Foster
22 Roseanne Meyerhoff	23	24 Natl. Scaven- ger Hunt Day. The popularization of Scavenger hunts was credited to Elsa Maxwell in the early 1930s.	25	26	27	28 Henry Rivera
29 Doug ♥ Linda Dixon Tour to the Fallbrook Vintage Car Show in VC	30 Memorial Day	31				

2022 Palomar Model A Ford Club Board:

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PALOMAR MODEL A CLUB

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The Palomar A's Club was founded in 1960 as a MARC affiliate, and elected Henry Jenkins as its first president for 1961. In 1963 it became a chapter of the Model A Ford Club of America, 250 South Cypress, La Habra CA 90631. Members of the club are encouraged to also join the national organization. Member registration and dues payment for MAFCA is available on www.MAFCA.dfm Palomar dues are \$20 per year



General meetings are held the first Wednesday of each month at the Palomar Estates East Clubhouse: 650 S Rancho Santa Fe Rd, San Marcos, CA. The doors open at 6:30 pm for social time and the meeting starts at 7:00pm. All Model A hobbyists are welcome to attend. Tours, shows, seminars, and social events are regularly scheduled throughout the year.

The Reflector is published in Escondido, CA after the 20th of each month with item deadlines on the 15th. For questions or to advertise on **The Reflector**, contact the editor, David Frazee at frazeelntree@hotmail.com

May 2022

The Reflector

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