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June 2004

Cascade Pacific Plymouth Club, Inc.

Upcoming Events July 2004

.... Tech Committee Meeting 4..... Oregon General Canby Day Canby, Oregon 7 May Flowers Tour McMenamins Edgefield, Troutdale, OR **13..... Board of Directors Meeting** 17..... Picnic at The Williams's Canby, Oregon 27 Membership Meeting **August 2004**

LaTeaDa @ Tillamook, OR Tech Committee Meeting 10...... Board of Directors Meeting 24.....Membership Meeting **CPPC Hot Dog Feed** 28..... Peterson's/Sunburst Tour Sumner & Graham, WA

Meetings are held on the 4th Tuesday of each month at the **Clackamas Community Club** 15711 SE 90th - Clackamas, OR 6:30 PM Kick the Tires, 7:00 PM General Meeting.

Plymouth Parts/Cars for Sale/Wanted

Wanted 6 Cylinder Dodge or Desoto engine with torkflight automatic transmission - 1954 - 1956. Would like parts car also inside viser brackets for 1949 Dodge Roadster. **Richard Mayhew** PH:541-689-0267

For Sale 1949 Plymouth, 4-door special deluxe, low miles, all original, no rust. Must sell. Asking \$5,000 or best offer. Kris Hanson 206-763-1669.

For Sale **Overdrive Kickdown Relays** and overdrive cables. Kickdown relays \$50.00 (under gas pedal) Relay \$100.00. Overdrive cable \$30.00.

Have contact with a person who rebuilds selinoids \$200.00 and rebuilds govenors \$150.00. Wiring diagram included. Dale Oliver PH: 541-726-1165

Wanted 1946-47-48 Club Coupe, no rust, all together, no transmission or engine. Dale Oliver PH: 541-726-1165



Larry Catt's '48 Convertible drawsa a crowd at the May membership meeting.



Ray Dunn's '37 Pickup seems to always get lots of attention too. Willis's '39 **Business Coupe** (Left in picture)



Volume Five, Issue Six

Jerry and Ann Klinger's 1948 Plymouth Convertible, was bid to be theirs

This months Plymouth Club member feature is Jerry and Ann Klinger of Gresham, OR and their 1948 Plymouth Convertible.

When Jerry was 14 years old his first car was a '42 Chevrolet, an absolutely mechanically horrible vehicle. His father who was a Chrysler product fan, suggested he get a Plymouth. Jerry located a 1947 Plymouth coupe, it was a one owner vehicle, but the woman who

owned it had wrecked it and eventually replaced the motor with a V-8 engine from a 1959 Dodge. He put a stock 6 cylinder motor back in and gave the '47 coupe to his younger brother, Glenn, when he purchased a new 1962 Plymouth Sport Fury. That is another story.

Jerry always wanted a P-15 Plymouth convertible. but had never found one that he liked or could afford.

In the August 1988 issue of Hemmings Motor News, Jerry came across an ad for a red 1948 Plymouth convertible that was to be auctioned by a bank in Craig, Colorado. The Plymouth was part of a foreclosure on a loan at the local Moffat County Bank. Jerry corresponded with the bank manager both by mail and telephone about the Plymouth and the action they were conducting. In the first part of September he was notified he was one of four finalists in the written bid auction. The bank manager told him that if he really wanted the car he should come to Craig to look at the vehicle and talk to him. Craig is one of those places that you almost can't get there from here.

Ann and Jerry settled on taking Amtrack from Portland to Salt Lake City and then renting a car to drive to Craig, Colorado. Jerry took a small tool box along, fully intending

his mind in a hurry.

One other person, a fellow from New Mexico, drove his truck with a car trailer to pick up the Plymouth, fully intending to take it back with him to make it into a hot rod. The two other finalists merely called to





ing a word.





Cascade Pacific Plymouth_® Club, Inc. Affiliate of Plymouth_® Owners Club, Inc

P.O. Box 2988 Clackamas, OR 97015

FOUNDED 1957

Cascade Pacific *Plymouth* Club, Inc.

Dedicated to the Preservation and Restoration of **Plymouths** 25 years and older

June 2004

to drive the Plymouth back to Oregon. In driving to Craig, Ann and Jerry drove through some extremely desolate country and Jerry changed

indicate their final bids and not look at the car. We submitted a final bid in a sealed envelope to the bank and later that day Jerry and Ann were informed they were the new owners of the Plymouth. Needless to say the guy from New Mexico was mad, storming out of the bank, not say-

After finalizing the paperwork

Jerry made arrangements with the bank manager to store the Plymouth in an old Chrysler dealership building until arrangements to transport the car to Oregon could be made. The transporter loaded the "48 at the rear of the top row, where he felt it was the safest. When it arrived at the truck stop in Wood Village, OR where Jerry was going to pick it up, it was covered with road dirt and diesel soot. The engine was making odd noises and two tires were flat. Jerry put gas in the tank, air in the tires and headed for home. The engine stopped knocking and after getting it home he spent several days cleaning it up. By the next weekend it was in the annual Gresham Teddy bear parade.

Over the years necessary repairs and maintenance have been performed on the Plymouth. A dual exhaust system was put on it so it, sounds like a good flathead should.

A few years later Jerry's brother, Glenn, located a '48 Ply-

mouth convertible in Vancouver, WA and he was able to purchase it. He has since restored it, painting it a bright yellow color. Both Plymouths are driven quite often on outings and the two look really great together.

The Plymouths were made to drive and Glenn and his wife, Suzanne and Ann and Jerry have put a lot of miles on both cars. They have driven them to Califor-

nia and have gone north to Canada. Both cars have overdrive transmissions so Glenn and Jerry don't hesitate to go just about anywhere. Jerry and Ann's '48 has 68,000 miles on it and they have put quite a few of those miles on it having a really good time.

Article submitted by Jerry and Ann Klinger for Plymouth Club Newsletter.

June 2004

Pacific Northwest Truck Museum Tour, Brooks, OR

On April 17 a hearty group of CPPC members and guests braved the potential for rainy weather and toured the Pacific Northwest Truck Museum in Brooks, OR. We met at Clackamette Park in Oregon City at 9:30 where we enjoyed coffee and donuts provided by John Sweeney. The group included several members and guests from the Portland area. Dennis Rice, Ray and Virginia Dunn and Eugene member Richard Cool Chrysler and 1941 Plymouth of Richard Mayhew as well as a Chrysler club member joined us at the museum.



After the museum we toured the site for the antique auto museum and several of us took photos of our cars in the newly finished replica service station near the auto museum site. After the tours we all caravanned to Rock-n-Rogers on Market St. in Salem for a 50's style lunch.

We each returned on our own routes at our own pace. For the most part the weather cooperated with very little use of the vacuum wipers. Thanks to John Sweeney and Scott Farnsworth for coordinating the tour and special thanks to Bud Wright of the museum for guiding the tour.



and Bud Wright museum curator



(Pictured above) and Annalee Mayhew of Eugene, OR (pictured below)

before the tour









Scott Farnsworth CPPC President

Officers 2004

PresidentScott Farnsworth PH:503-254-8300 Portland, OR Vice President Dennis Rice PH:503-393-7231 Salem, OR Secretary Vicki Williams PH:503-266-4287 Canby, OR Гreasurer Dolores Call PH:503-698-2301 Portland, OR Member at Large Jeff Jolly PH:503-656-7779 Oregon City, OR

Standing Committees

Activities	Jerry Klinger
PH:503-665-8330	Gresham, OR
Co-Membership	Bill Call
PH:503-698-2301	Clackamas, OR
Co-Membership	John Sweeney
PH:503-281-5159	Portland, OR
Newsletter	Mike Bade
PH:503-653-8102	Milwaukie, OR
Refreshments D	ennis Mowery
PH:503-760-3184	Portland, OR
Co-Tech Advisor.	Jimmie Fox
PH:503-774-3441	Portland, OR
Co-Tech Advisor. Dave Williams	
PH:503-266-4287	Canby, OR
Publicity	Russ Ashley
PH:503-666-5913	Troutdale, OR

email/mail articles to:

Mike Bade mdscbade@msn.con P.O. Box 2988- Clackamas, OR 97015

<u>Membership:</u>

Cascade Pacific Plymouth Club, Inc. Membership dues are \$20.00 per calendar year and must hold a current membership to the National Plymouth Club. Membership runs Jan. 1 thru Dec 31.

Advertising Rates:

Advertising is free to current Cascade Pacific Plymouth Club Members Advertising Rate for Non- members is: \$10.00 per newsletter. one column by one inch. Photos accompanying classified ads are \$10.00 per newsletter inch buy 1 column (Black and White Only **Discount Rates:** Available to long term advertisements. Advertisements should be kept to Plymouth related services.



the May membership meeting. President Scott Farnsworth presided and Vicki Williams took the minutes.

For the member care report Scott gave an update on his wife Linda's progress with her broken ankle and also reported that Barbara Rice was undergoing treatment for lymphoma but doing well. Although at the evening's meeting, Duanne Luckow was nursing an injured shoulder he received when he was "rear-ended" by another bike rider on a recent bike ride to the coast.

CPPC May Regular Meeting Highlights

The Long Distance award went to Ray and Virginia Dunn and John and Marlys Sanford who all travel about 35 miles from Silverton, Oregon.

Mike Bade encouraged members to look for old Plymouths while "out and about" and snap a photo to include in upcoming newsletters.

Jerry Klinger gave an update on upcoming activities including the June 5th Corbett Fireman's breakfast and the Thorkildson's picnic. It was suggested that members meet at the Airport Road Home Depot at 10:00 a.m. on Saturday, June 19th to caravan to the Thorkildson's in Vancouver.

For the Petersen's Sumner tour the meeting place will be the McDonald's on NW Yeon and a stop in Longview after that. More details will be forthcoming. Steve Parker has volunteered to pull a car trailer up to Sumner in case of any breakdowns.

On September 18th CPPC is assisting the North Clackamas Christian School with a car show at the Haggens' Grocery Store in Oregon City. Vicki Williams encouraged all members to participate and bring their car. The Club will have its own parking area. Members can meet at Clackamette Park for a tailgate breakfast and then caravan up to the car show as a group.

Mick DeSantis invited everyone interested to the Car Show at Chinook Winds Casino in Lincoln City on September 25th. The Beach Boys will be in concert that weekend and he can arrange for tickets. Contact Mick if you are interested in this activity.

Lorraine Griffey gave a report on the tour to Frank Springer's SE Port-

There were 42 in attendance at land home and the Rhododendron Gardens.

> The evening's speaker was Dan Trappe from Clackamas Auto Parts. He offered the Plymouth Club a cash discount with his company. Refer to Cash Account #2685 when purchasing items from Clackamas Auto Parts in Oregon City.

Scott reported that the Board of Directors was working on establishing some guidelines to be followed when the Club goes on tours. One item discussed was having some form of communication between cars on a tour. A poll was taken to see how many members have two way radios. There were quite a few hands raised so members were encouraged to bring their radios when going on tours so we can establish communication lines within our caravans.

The raffle prizes were won by Jeff Jolly, Rich VonAllmen, Don Ryan, Dennis Markovich, Harriet Sweeney, Jimmie Fox, Ernie Wolf and Marlys Sanford.



Tim McCarthy, CPPC member greets Dan Trappe the May membership meeting Guest Speaker. It turns out Tim and Dan are old freinds.

June Birthdays

Happy June birthdays to the following members: Hank Baker - 1st Dennis Mowery – 2nd Chuck Willis – 7th Cindy Wilson - 11th Paul Shampine – 14th Victoria Cerrati – 15th Julie Sharai - 22nd Robbie Bagot – 24th Harvey Williamson – 26th Karen Ryan – 28th And any others who have not reported their birthdate!

the Pacific Northwest have made significant contributions to the Modern Day Tucking Industry In the Lobby of the Brooks Truck museum people such as Norm Williams, Dale Hewitt, Judy Gazoine, Kenneth Self and Hansen are featured for their contributions which have made Brakes safer, Better cooling systems, better transmissions, invention of the 5th wheel and some of the largest Trucking compa nies in the world are based in the Northwest.

Just some of the many trucks featured at the Brooks Truck Museum are: 1916 Moreland, 1917 Maxwell 1 ton, 1919 Samson, 1915 White, 1917 Reo, 1924 Model T Flatbed, 1920 Sampson, 1924TT Risberg, 1938 Ford, 1934 Fageol, 1950 Freightliner, 1982 Consolidated, 1942 Freightliner, 1952 Freigtliner, 1954 White, 1953 Fire Truck P.F.B., 1951 Ford Utility Truck, 1951 Federal, and a 1919 Republic. Several CPPC members are currently helping to restore many of the trucks featured in the museum.





Bud Wright, museum curator gives history lesson on early trucks











It is worth mentioning that many individuals from



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at 11:00.

antique toys.

tique toys.

from the past.

low coins.

box.

lic.

Kidd's Toy Museum, is

On May 22 a enthusiastic group

of CPPC members and guests toured

the Kidd Toy Museum in Portland,

OR. We met our CPPC tour host Les

Conner in front of the toy museum

by Frank Kidd. Over the past 13

years Frank has packed three build-

ings in and around 1300 S.E. Grand

Ave. with 250 large glass display

cases to house more than 10,000

country's largest collections of an-

adventure to be seen. Colorful

banks, dolls, cars, railroad engines,

padlocks, and cartoon characters

the 1860's which include penny

banks Ferris wheels that move, and

figures that snatch, shoot or swal-

toys from their childhood, including horse drawn carriages, original

Disney characters, early vehicles and

Lionel trains just out of the original

kinds of people through this fantas-

tic collection. Whole families come

including grandparents, to point out

In 1991 Kidd, who owns several

auto parts warehouses decided to

remodel one of them so that he

could open his collection to the pub-

am - 5:30 pm Monday through Fri-

day, 9am to 1 pm Saturdays. Ad-

mission is free. It is located at 1300

For further information call 503-

After the tour, CPPC members

Thank you Les Conner for orga-

If you missed out on the tour,

SE Grand Ave. in Portland, OR.

The Kidd Toy Museum is open 9

toys to their grand children.

The word of mouth brings all

Some of the banks date back to

CPPC members were treated to

Frank's collection is one of the

Each display case beheld a new

The Kidd's Toy museum is owned

for the Kid at Heart

The Steering Column, A message from the CPPC President We had another excellent meet- August meeting. We're hoping to fill our northern me

ing in May. As the weather turns dryer, we seem to see more Plymouths attending the tire kicking each month. We had yet another good presentation at out May meeting by Dan Trappe of Clackamas Auto Parts. I think we all gained a sense of confidence in their ability to help antique car owners locate hard-to-find parts and perform machining services for the old cars.

I'm looking forward to the June, July and August meetings. These three months seem to bring lots of cars to the meetings and, after all, that's what we're all in this for, the cars. These three months should be particularly good with Ed Bruser from Ott's Friction Supply speaking in June, CPPC member Hank Baker speaking in July and a good old American hot dog feed at the Plymouth chat.

We had a tour in May to an Anand enjoyed by all. Thanks to Les and

Plans for the other summer activities are coming together. Be sure to keep an eye out for the August tour to the Petersons in Sumner, WA and the cruise-in to North Clackamas Christian High School in September. We will keep plenty of information in the newsletter regarding these two tours. We hope to see some of

Got plans for the 4th of July ? Check out Canby, OR

fashioned fun for the Fourth of July this year? Would you like to drive your old car too? Well, the Canby, Oregon General Canby Day Fourth of July celebration is the place for you.

For the past several years there has been a car show in conjunction with the Fourth of July festivities in downtown Canby. Bob Crider started the show several years ago on the street in front of his house just one block from the city park that holds all the other holiday events. The show has grown so that it now takes up several streets.

Canby sponsors an old fashioned celebration including a parade in the afternoon. Cars are welcome to join the parade or remain parked so owners can watch the parade go by. There is a poker walk to various local businesses and Canby's Wait Park is surrounded by food and craft vendors.

There are lots of activities for kids to participate in including games and face painting. Kids can decorate their bikes prior to the parade and then ride in the parade. Bike decorating materials are provided. All the activities including an art show and

tique Toy museum and lunch at the Steamers restaurant. Les and Nancy Conners arranged this tour and I understand it was very well attended Nancy for yet another successful tour.

Are you looking for some good old

whole day.







Room after room of amazing toys to see.





Frank Kidd, owner and Les Conner, tour host















Vicki and Dave Williamson



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every parking spot in the lot with a Plymouth for the August meeting. We hope to draw some of you folks from the outlying areas to the August meeting for some hot dogs and

quilt show are within a few blocks of each other making everything walking friendly. The Park's gazebo hosts ongoing entertainment and cake walks throughout the day.

So if you want to feel like you are in a Norman Rockwell painting or walking down the street where "Father Knows Best" come to Canby on the morning of the 4th and spend the

There are usually about 100 cars and Bob Crider is one of the nicest guys you'll ever meet! There is also a spectacular fireworks display at Trost Elementary School in the evening. by Vicki Williams

our northern members on the trip to Sumner on August 28th-29th.

As we near the mid-point of the year, we need to start thinking of officers for 2005. Please consider running for an office next year or making suggestions to the current officers of people you feel might be good at guiding our club. We are always looking for new faces, talent and ideas. A nominating committee will be selected in August and they will be actively searching for candidates for next year.

As I have stated in the past, each of you can feel free to contact me with suggestions for improvement, input on club activities and operation of the club and I encourage you to do so.

Scott Farnsworth 503-254-8300 sfarnsworth@ltk.com



Hot Dog Feed Aug. 24th

The date for the first CPPC Hot Dog Feed is August 24.

The the Board gave the go-a-head to CPPC member Bill Call for the special "Hot Dog Night" on Aug. 24th before regular member meeting.

There is some planning to be done and get additional volunteers to help with the cooking and organize the salads, etc. More details to come.

It was also suggested that we ask the members to bring dessert.

Perhaps interested members can get together without me to work out some details and they we can finalize at next meeting of even visit after regular Club meeting on June 22nd. Bill Call



Jerry and Ann Klinger are active in other clubs and going on tours to Makinzie Pass in the Cascades and an old-fashioned Gas Station in Oakville, Washington

June 2004

Mark your calendar for Saturday, July 17th for Dave and Vicki Williams' picnic in the country.

Vehicles can stage at 10:00a.m. at Clackamette Park for a drive out to Canby.

This will be potluck with the main dish and beverages provided by Dave and Vicki.

For those coming on their own either from the north or south the easiest way is to take Hwy 213 to the Mulino Store.

Coming from I-205 take the Park Place/Redland exit and follow Hwy 213 south past Clackamas Community College to the Mulino Store. Turn right at the Mulino Store on to South Mulino Road and go 1-1/2 miles to 12418 S. Mulino Rd. (on the left).

It is a shared driveway with 12422 S. Mulino Rd. Coming from the south turn left at the Mulino Store.

Those coming in the caravan from Clackamette Park will follow Hwy 99 towards Canby but turn left onto Haines Rd and head south to South Mulino Rd.

Study this year's newsletters so you're prepared for "Newsletter Trivia". Try to unseat last year's winners Chuck and Stephanie Willis!

For further information call Dave or Vicki at 503-266-4287.

Welcome to our **Newest Members**

WELCOME TO OUR NEWEST **MEMBERS**

We would like to take this opportunity to welcome the Club's newest members as follows: Javier and Teresa Trillo - from Seahurst, Washington joined at the end of April. Bill Call met up with them on a trip up to Seattle. They have a 1950 station wagon.

Gary and Retha Harden - from Gresham, Oregon joined at the end of May and have a 1949 4D and a 1951 4D. The Hardens learned about the club at the April Swap Meet.

Corbett Fire Station Day, on a rainy spring day

Here are a few photos from the Corbett Fire Station Day on Saturday June 5, 2004.

CPPC members started out at exit 18 at the park where cars from different clubs showed up.

There were a lot of folks there from HACO and the Rose City Model A club. There were a lot of really neat old cars.

The fire truck blocked off the bridge and Jerry led the way to Corbett following the scenic route.

It was very wet but it was a very nice drive.

The fire station parked everyone in a section so everyone could admire our cars and then participants went in and had pancakes, eggs & and ham, served with juice and coffee and it was very good.

From the CPPC amongst the diners were Jerry and Ann Klinger, Bob and Jeanette Dimick (and Son and Grandson), Chuck and Stephanie Willis and Dennis & Jeanne Mowery. A fun wet time was had by all.

by Stephanie Willis



Bob and Jeanette Dimick and their Grandson





Jerry braves rain showers

Jerry, Scottie and Chuck

"Plymouths, Out and About", recent Plymouth sighting

A new monthly feature to club newsletter is called "Plymouths, Out and About". Sightings of Plymouths, This months Plymouth is a beautiful 1937 Plymouth. Photo submitted by CPPC member Tom Nachand of Lincolin City, OR.

This Plymouth a 1946 Plymouth Special Delux 4-Door, was spotted in Vancouver, WA - near 109th Street, just after the Potluck at the Thorkildson's this past Saturday -June 19th.

It looks like it is in nice shape. There was a phone number on the window, Call 503-513-5526 or 360-



Mayflowers Most Recent Outings

On Thursday, June 10th the Mayflowers met at the Heirloom Rose Gardens just outside St. Paul for a tour.

After a rainy week the day remained dry and warm for a fabulous tour of the ten different rose gardens. Lorraine Griffey, Jeanette Dimick, Karen Ryan, Vicki Williams, Mindy Benfield, Ann Klinger and the lone pilgrim – Jerry Klinger, took in the glorious sights and smells of the various gardens.

Everyone was really impressed at how many different varieties of roses were represented. One garden represented almost all winners of the AARS award since 1940.

The Garden of Hope was named due to the coincidence of its first roses being planted on September 11, 2001. In the South Garden there was a canopy of roses that created a tunnel about 80 feet long.

After touring the rose gardens the group headed to the Donald Cafe for lunch. Lunch discussions always create new tour ideas for the future.

After lunch another stop at Ferguson's Fragrant Gardens just outside Donald provided another treat for the group. The people at Ferguson's were extremely friendly



Mayflowers take in sights at Heirloom Rose Gardens

May Technical Committee Report

The June Technical Committee meeting was held on Thursday, June 10th at Dave Williams' shop. Ten CPPC members showed up to assist in replacing the pan gaskets on John Sweeney's '39 four door.

John had noticed an oil leak from the pan on his car. The car was put up on the hoist and the oil drained. The pan was pulled and the gaskets were changed. The valve cover gaskets were also checked. John was back on the road leak-free.

Also, at the meeting Jimmie Fox presented John with a "gentleman's award". Jimmie had fashioned an award plaque using a door handle



and provided us with a private garden tour.

coming out on Saturday.



Call's cars. The next Tech meeting will be 7:00 p.m. on Thursday, July 1st at Dave Williams' shop. The committee is looking for a project for that meeting. So, if your car is in need of some repair and especially if a hoist would make the repair even easier, contact Jimmie Fox or Dave Williams to reserve your spot. If anyone needs some tune-up

work done so they feel more confident taking their car to Sumner on August 28th, now is the time to step forward and ask the Tech Committee for assistance. By Vicki Williams

Cascade Pacific *Plymouth* Club, Inc.

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The tour guide pointed out all the unusual plants that you don't normally find at your local plant stores. For example, a chocolate cosmos that smelled just like chocolate. There was even a peanut butter plant! Most of the group ended up purchasing some of the specialty plants.

A cable gardening show was going to be filming at the gardens the next day and Sunset Magazine was

The people at Ferguson's said they'd love to see the old Plymouths come out to the garden some day.

Next on the agenda for the Mayflowers is a trip on July 7th to McMenamins Edgefield and down-



that had been broken off one Bill

town Troutdale with lunch in Troutdale.

And don't forget August 4th and the trip to LaTeaDa in Tillamook. High tea. There is an experience not to be forgotten. High tea is \$14.95 or there are smaller variations of high tea for less. We will also tour the Tillamook Cheese Factory and a quilt shop in Tillamook.

There will be sign up sheets at the June and July meetings or call Lorraine Griffey at 503-666-2222. By Vicki Williams

TECHNICAL TIPS

REAR WHEEL BEARING LUBRICATION **Rear Wheel Bearings:**

Use a short fiber wheel bearing grease, (Medium).

Remove the plugs in the rear side of the axle housing near the brake support plates, then lubricate with 1/2 ounce of recommended lubricant, using a low pressure gun. Replace the plug.

DÔ NOT OVÊR-ĽUBRICATE.

If a relief plug is used on the grease gun, the exact amount of lubricant can be applied. Over lubrication may result in grease leaking past the seals onto the brake linings.

DO NOT Lubricate any rubber parts, such as the sway bar bushings, shock absorber mountings and rear spring shackle bushings. They are designed to operate without lubrication. Lubricating them will cause them to slip and result in rapid wear.

6 Cylinder Engine Oil capacity......5 quarts. When the filter is changed, 6 quarts. You can use the "Hastings LF-101" oil filter which will fit the Old Fram canister filters. The top lid seal comes with the filter.

They can be obtained at Clackamas Auto Parts store in Oregon City, Oregon. 503-656-4244.

Transmission 2 3/4 pints. Cooling System......13 quarts,.. With heater 14 quarts. (Pressure type radiator). 15 quarts 16 quarts with heater. (Non-Pressure type radiators) Fuel tank17 gallons.