

2341 S. CIRCLE X PL. TUCSON, AZ 85713

VISIT OUR CLUB WEBSITE, www.subaru360club.org
NEWSLETTER, VOL. XXIX, No. 4 SEPTEMBER 2008

GOOD NEWS: The SUMMER 2008 Issue of *DRIVE* reports that 2 R1e electric 2-seaters will join the New Your Power Authority's fleet this summer for evaluation. With a capability of 65 mph and 50 miles per charge, these could be great commuter cars for the US - as would the R1 & R2 gas engine cars now widely used in Japan. More news to come on this!

HELP WANTED: By this time next year, I will have completed 30 years of editing thie Newsletter, keeping the Club Roster, and managing the Club's finances. I would like to "retire" from those responsibilities (at full salary, of course) and we already have a volunteer to keep the Roster current - Jon Blakeman in MI <code>jvlakeman@aol.com</code>

I have definitely not lost interest in the Club, and will continue to publish the printed BOOKS OF REPRINTS and FACTORY MANUALS unless someone else wants to do those things, and answer tech questions. They mainly take time, and I have the time. But the Newsletter takes writing, editing, labeling and proofreading, all of which have become increasingly difficult for me. My eyesight, especially for reading, has deteriorated rapidly in the last 3 years. While I used to proofread each page 3 times and seldom had an error get through, now I proof each page about 10 times and still have errors go to print.

When Ernie Freestone suddenly died in his 50s, the Microcar/Minicar Club virtually ceased publication for most of a year. I'll be 75 next year, and while I feel pretty good today, I would like to spread out these functions to insure that this Club keeps going, uninterrupted.

Ideally, the Newsletter should be handled by a GROUP of members who live near one another and can get together once every 3 months to do the assembling, folding, stuffing, addressing, sealing and stamping. As more members opt to receive the e-mail version of the Newsletter, the current mailing of 430+ pieces of mail could decrease to 300 or even 200, which would help tremendously in reducing both the time and cost of getting each issue to every member. In this GROUP of members there should be at least one who can write and edit articles, one good at Subaru 360 mechanics, one computer wizard, one good at finances, and one who has room for a copier that can handle heavy production. The Club currently has up to \$1055.10 set aside to purchase that copier.

so if you have one or more of these talents/interests, and would like to volunteer your time and efforts for at least 5 years (I never planned to do 30!), get in touch with some of the other members near you (see Roster). If you can put together a group that is willing and able to take on the Newsletter as a continuing project, please e-mail me and let's get this ball rolling on both cylinders!

The Small World Micro Cars Meet - August 21-22, 2010

The first WORLD event of its kind, bringing the BIG world of MICRO cars to Chicago...

CRYSTAL LAKE IL, June 22, 2008 - Local microcar collectors and owner/curators of the Small Wonders Micro Car Museum, Ken & Sylvia Weger, announced today that they, along with three other couples, will be hosting the MICRO/MINI CAR WORLD MEET in downtown Crystal Lake at the University Center, located at 100 S. Main Street, on August 21-22, 2010. This is the same group that successfully organized the National Micro/Mini Car meet in 2006, drawing 300 cars and thousands of spectators, making it the biggest National Mini/Micro car event to date.

This will be the first ever WORLD MEET of its kind. Microcar and Minicar owners and their cars, will gather from all over the world to share their enthusiasm for these small wonders. The Weger's are expecting over 500 Micro and Mini cars. Those cars under 500cc are considered to be "Microcars", and those between 500-1500cc are considered "Minicars". Many marques are expected to fill the lush lawns surrounding the University Center. Vendors will provide food and beverages. Alongside the car show, workshops and classes/seminars are being planned.

These tiny cars, known as "Bubble Cars", evolved after WWII as European industries were starting back to work and began producing cars for the masses. They were underpowered and lightweight, sipping fuel to get over 70 miles per gallon. These microcars were capable of transporting families in relative comfort!

Some of the more commonly known marques include:

- Austin Mini (UK)- 1st car to use a transversely mounted 850cc engine
- Citroën 2CV (France)- the Ugly Ducking, 4 doors & 435cc to 602cc engines
- Crosley (USA)- ahead of its time in fuel economy, 717cc engine
- Fiat 500 (Italy)- Cinquecento many still in use today, 60 years after production began
- Isetta (Italy & Germany)- one front mounted door that had room for two people; 300cc
- Messerschmitt (Germany)- tandem seating and airplane-type opening canopy for entry
- Subaru 360 (Japan)- yes, the baby of the Subaru family 2 cylinder 360cc engine
- Velorex (Czech)- lightweight steel tube frame covered with vinyl fabric; 200cc engine

These microcars and many more will be on display at the Meet. Saturday Awards Banquet will be a locally prepared food.

There is abundant parking for trailers and cars. Many local hotels have attractive rates to accommodate overnight guests. There are 13 restaurants within walking distance from the University Center.

For more information, please see www.worldmeet2010.com or phone Marybeth Claypool for a registration form (815.469-2936).

FOLLOW-UP TO ARTICLE ON 2 DIFFERENT THREAD SIZES ON BRAKE PARTS - P. 273: One more difference to note - wheel cylinders that have the smaller 0.368" thread for connector pipes, banjo bolts and bleeders also have a smaller screw holding down the flat spring that contacts the adjuster star wheel. I measured the threads for a member, then found out he didn't have a micrometer. So here's how to determine thread sizes without a micrometer:

Screw that holds down the flat spring - measure the HEAD of the screw against a ruler or tape measure. Diameter of the larger size head is about 1/4", diameter of the smaller size head is about 3/16"

If the smaller size screw holds the flat spring, holes in the same wheel cylinder will be tapped for the 0.368" fittings. If the larger size screw holds the flat spring, the holes will be tapped for 0.386 fittings.

If you need to measure a fitting without a micrometer, and you have a 3/8" open end wrench that was made in the USA (mine are Craftsman, almost 60 years old) you can try to fit the THREADED PORTION of the fitting in question into the open end of the wrench. If it goes in easily and wobbles in the jaw of the wrench, it's 0.368". If it just won't quite go in (or if you have a less-precision made wrench and it barely goes in) it is 0.386". (3/8" = 0.375.)

If you are replacing front wheel cylinders on any Subaru 360, or a master cylinder on a truck or van, this measurement is critical and if you get a cylinder with the wrong thread size it will not work.

However, in the event that you find you have a truck/van master cylinder with the wrong thread, you can have a new steel line made from the master cylinder to the junction block, by using the old fitting at the junction block and the other size fitting at the master cylinder.

ANOTHER ALTERNATOR THAT'S AN EASY FIT FOR YOUR SUBARU 360: HECTOR LUGO found that a 1985 Mazda RX7 alternator fit his 360 WITHOUT THE NEED TO FABRICATE ANY BRACKETS. You use the original brackets, simply switch places with them, so the old left bracket is on the right and vice versa. This lines the pulley up perfectly with the crankshaft pulley. All you need to add is a 3" bolt with nut, and a 2 1/2" spacer. This spacer and bolt are used in the holes nearest the engine.

Hector reports that this setup works perfectly on his 360 van. If you have any questions, e-mail him at *Helenmaisonet@aol.com* Other applications for the same alternator include Dodge Caravan '86-90, Mitsubishi Starion '85-89, Dodge Conquest '85-89, Mazda RX7, '79-90, and some Mazda pickups B-2000 and B-2600 '79-90.

IF YOU CAN'T START YOUR 360 AND IT SEEMS TO BE FLOODED, take the hose off that connects the carburetor to the air cleaner. I found a really flooded 360 recently, and when I removed this hose, eventually it started. When I put the hose back on, with the engine running, it flooded out instantly. I removed the wingnut and cover of the air filter, and a pint of gas spilled out. The engine had flooded so badly that the excess gasoline had filled the lower half of the filter case. This was the first I had ever seen this happen - but if it happens to yours, remove the air filter element and let it dry completely in the sun before you put it back in - or replace it if you have a spare.

HERE ARE 2 MORE PAGES ON TROUBLE-SHOOTING - THIS TIME FOR THE CHARGING SYSTEM ON YOUR SUBARU 360. I would add one more thing to check - the fuses and fuse block. See P. 148-149 for more on this.

Table for Trouble and Repair

Trouble	Trouble point	Remedy	Precautionary item
l When the battery goes dead	A Defective generator	Since poor generation is due to poor brush contact, burned commutator, poor insulation of terminal section, broken connection or grounding of the field coil, grounding of the armature coil, etc., check these and repair the defective part.	Short terminals E and F. If strong spark generates when terminal A is grounded lightly, the generator is normal. (Charge pilot does not go out)
	B Defective wiring	Check the wiring cord for its size, tighten-ing of terminals and grounding of the cord because of broken insulation and repair when a defect is found.	It is wrong to think that too small a charging current is caused by regulator trouble. The causes for this are many and often are difficult to detect.
	C Poor install- ing	When installing of the generator is poor, the generator is not grounded perfectly causing poor power generation. Remove the paint and oil from the installing surface and tighten firmly.	
	D Defective battery	Unsuitable electrolyte, defective plate, broken pole, poor wiring and insufficient tightening, etc., are the causes. Check and repair.	
	E Burned points	File with a fine file.	

GENERATORS IN SUBARU 3605 ARE GENERALLY VERY RELIABLE AND LONG-LASTING. IF YOURS FAILS YOU CAN PROBABLY REBUILD IT YOURSELF USING THE SHOP MANUAL - ENGINE SECTION.

THE SAME BOOK GIVES COMPLETE INFORMATION ON ADJUSTING THE VOLTAGE REGULATOR, IF THAT BECOMES NECESSARY.

I HAVE FOUND THAT CHARGING SYSTEM PROBLEMS ARE MORE LIKELY TO BE LOOSE CONNECTIONS OR WIRING PROBLEMS THAN GENERATORS AND REGULATORS.

Trouble		Trouble point	Remedy	Precuationary item
	F	Incorrect adjusting value	Readjust the voltage regulator	Refer to the section on ad- justing the voltage regulator.
2 When large charging current persists to flow and does not decrease (battery electrolyte decreases rapidly or its temperature rises)		Defective generator	Wiring of A and F ter- minals is shorting in the yoke interior or exterior of the dynamo	If the current drops to zero when terminal F is removed, the trouble is not in the generator.
		Incorrect adjusting value	Readjust the voltage regulator.	When the adjust- ment of the regu- lator is incor- rect, a specified current flows continuously.
	J	Defective battery	Trouble is due to excessively diluted electrolyte or shorted pole plates. Repair	When the charging current does not decrease for a long time it is often due to a defect in the battery.
3 Charge pilot light sometimes flashes unstably.	К	Poor adjusting	Adjust the cut-out relay.	
		Defective wiring	When a defect such as insufficient tightening of the terminal or poor installing exists in the circuit, the current through these points flows intermittently because of vibration of the car in running and indication deflects abnormally.	

REPRINTED WITH THANKS TO THE WILMINGTON MORNING NEWS (OCT. 23. 1968) AND MARK JUSTESEN WHO FOUND IT AND SENT IT TO ME! The "styles of the sixtles" are long gone, but the Subaru 360s are always in STYLE!

Tiny car, swingin' shop make news this w

By MARTHA ESPEDAHL Fashion Editor

What's new in Wilmington?

Subaru of America on

North Union Street and Paraphernalia in the Talleyville Shopping Center . . . They're both brand

Subaru is the pocket size

Japanese automobile which has just been introduced to the Chemical Copital and Paraphernalia is the swinging clothes shop, with branches all over the country, which has just opened its 54th store here.

SINCE they seem geared for each other, we thought we'd give you a sneak preview of the 1969 Subaru along with the latest fashions Paraphernalia has to offer.

The Subaru 360 is the much talked-about automobile which gets 66 miles to the gallon, goes 70 miles an hour and has a price tag so low that for a little over \$2,500 a family can have TWO Subarus in the garage.

Speaking of money, you get one car for one price. There are no extras and no options. A spokesman pointed out that insurance rates for the little car are considerably lower than on similar economy cars.

Paraphernalia was born several years ago when the Puritan Fashion Corp. launched the idea. Now there are more than 50 stores in strategic areas throughout the country. The ultimate goal is 300 stores by 1970.

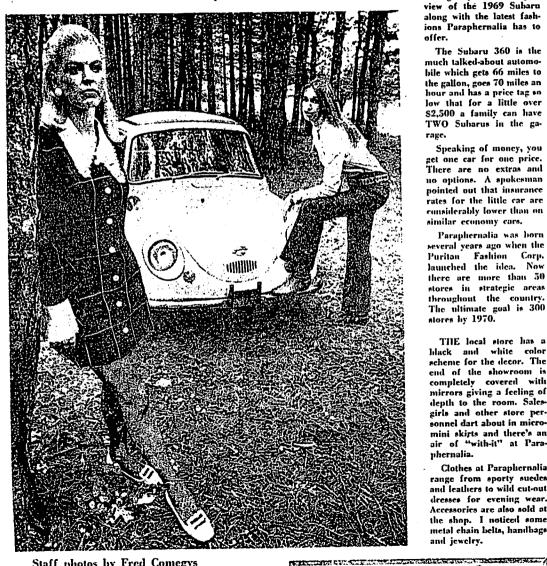
THE local store has a black and white color scheme for the decor. The end of the showroom is completely covered with mirrors giving a feeling of depth to the room. Salesgirls and other store personnel dart about in micromini skirts and there's an air of "with-it" at Para-

Clothes at Paraphernalia range from sporty suedes and leathers to wild cut-out dresses for evening wear. Accessories are also sold at the shop. I noticed some metal chain belts, handbags and jewelry.

AT bottom left our model wears a bright blue suede mini skirt with a mantailored body shirt. The brightly hued necktie is the attractive accent. At upper right, our model climbs a tree in a white puckered satin at-home pants outlit. be worn tucked in or out. And you can sash the outfit if you care.

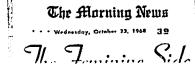
For contemplating Subarus, upper left the model at left wears a short plaid dress with white collar and cuffs. At right is a pair of hip hugger pants with belled cuffe. Note the chiver metallic chain belt.

Below, right, illustraics the Cossack influence in fashion. The grey wool maxi skirt is hordered with lambswool as is the maicl:ing jacket. She wears kneehigh boots underneath to keen out the cold.



Staff photos by Fred Comegys



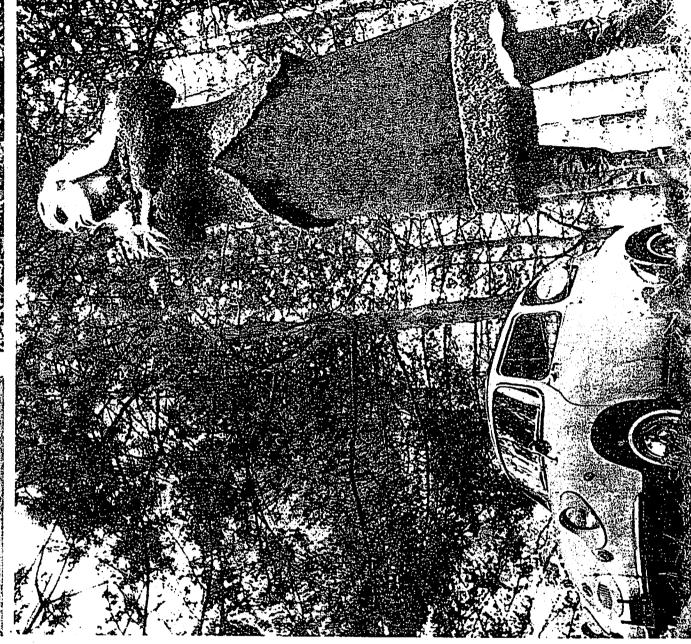


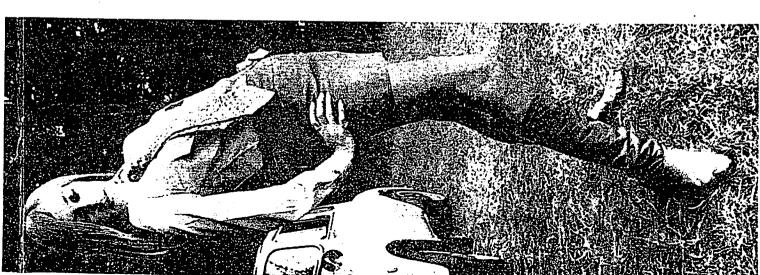
Home Features



The Morning News







CLASSIFIED STUFF

AUOMOBILIA FOR SALE: GLUB T-SHIRTS - Subaru 360 Driver's Glub logo, now in 5 colors, on white t-shirt with pocket on the front; sizes L & XL only. \$15. each, includes shipping. STEVE McGARTHY, 5431 Chapel Brook Dr., Houston TX 77069 281-580-2915 smccarthy@sbcglobal.net

CAR FOR SALE: Project Subaru 360 van, straight & rust free, all glass good, 2 1/2 engines, body off, needs reassembled. Will make any Club member a good deal. KEN WALKER, 500 Hackberry Av., Mission TX 78572 956-585-3572 drugstorecowboy@att.net

CARS FOR SALE: 1970 van, runs, needs some work, \$1500., 1968 sedan, 3-speed, needs rings and brake work, \$800. ERIC STEVENSON, Hammond IN - for info call evenings 219-836-8988

CARS FOR SALE: 3 360 sedans - 1 driver, could use upholstery - 1 is in pieces but apart - 1 is a basket case. Asking \$3450, for all, includes many spares. DAVID GUNN (CA) ccgunn1010@hotmail.com 530-893-5144

PARTS CARS & PARTS FOR SALE: 7 360 sedans, 5 have been stripped for usable parts which I have stored - need to sell all of them, either as a package deal or individually. MYRL FAIRBROTHER, 23943 63rd St., Royalton MN 52373 320-584-5388 (no e-mail, send want list & SASE)

PARTS FOR SALE: New Subaru 360 Van or Truck replacement windshield weatherstrip \$25. + postage. Reproduced Dome lite lens \$25. Now taking orders for another batch of truck/van windshields. BILLY PAUL, 210 Betsy Run, Longwood FL 32779 407-862-4928 wfpaul1@aol.com

PARTS FOR SALE: Hitachi distributor caps (\$10. each) and points (\$6. 5et) + postage, for pre-'68.distributors used in early Sambars and all "Cheesebourgers", shown on P. 100 of BOOK OF REPRINTS. BOB ALPERT. 230 N. Maple Av. B1 #147, Marlton NJ 08053 balpert@netaxs.com

PARTS FOR SALE: New & used Subaru 360 parts, factory tools for ff 4 & later, new & used auto iit., die-cast 360, Club key rings just \$3. each + postage; long SASE for 8-pg list. No phone calls please: ED PARSIL, 2341 S. Circle X Pl., Tucson AZ 85713 subaru360nut@aol.com

PARTS FOR SALE: Your CLUB PARTS DEPOT has lots of NOS 360 parts, and some for FF-1 and later Subarus. Send long SASE, specify which list(s) you want, to FRANK DUVAL, 648 Holly Corner Rd., Fredericksburg VA 22406 or E-mail CorvairDuVal@netscape.net

PARTS FOR SALE: Subaru 360 sedan roof insert gasket, \$35. + postage; also repro. sedan and Young front hood star clusters. BURT RICHMOND, 1723 Fern Ct., Chicago IL 60614 312-951-8981 burt@fitzrich.com

PARTS FOR SALE/SWAP: - 2 rear brake drums, 2 front sedan drums, \$25. each. Want truck door pocket, star cluster, bumper bolt. REX BROWN, 1804 Cedar St., #3, Forest Grove OR 97116 503-359-9186 rexbrown@comcast.net

WANTED: Subaru 360 sedan, restored car in midwest area. JOEL DREES, 350 Winnebago St. #309, N. FonDuLac WI 54937 920-923-1439

WANTED: Subaru 360 sedan in good condition, must be DRIVEABLE - no rust or cracked glass. GENE FUHRMANN, 3501 St. Francis Dr., Springfield IL 62703 217-529-3553

WANTED: Subaru 360 sedan or Young, excellent original or restored, want a car that needs no work, buy outright or might swap sedan I have that needs interior & engine work. SID HORMAN, 3125 Whitewater Dr., Salt Lake City UT 84121 801-277-4403 sidnnicki@msn.com

WANTED: Subaru 360 ignition switch, complete, tool #921 270 000; complete Nippon-Denso distributor, or even one without cap & rotor. JUANITA KANIPE, P O Box 224, Rosiclare IL 62982

WANTED: a J-635 key to buy or borrow. MARC BOULAY, 777 Mile Square Rd., Pittsford NY 14534 585-624-9821 AJSamantha@aol.com

WANTED: Subary 360 in good condition, in or near IN, can pick up. BEN CRAWFORD, 14088 Teetor Rd., Hagerstown IN 47346 765-717-4497 (ask for Ben) or e-mail bencrawf@hotmail.com

WANTED: For Subaru 360 van - all 4 doors, rear door, engine door, fuel tank, steering wheel, steering post cover, horn contact plate. DAN MCINTOSH. 35555 Wilbur Av., Warrenville IL 60555 630-393-9112 dannymacmanw@sbcglobal.net

WANTED: 360 sedan driver's side headlite surround. ROB ROBINSON, 1018 11th Av. NW, Minot ND 58703 701-833-2975 modernhemp@hotmail.com

WANTED: Gas tank for 360 truck/van. Buying Subaru 360 parts, don't throw them away, contact me first. ERIC STEVENSON, 1048 Ridge St., Hammond IN 46324 219-836-8988 ecs1015@aceweb.com

WANTED: Subaru 360 sedan jack with handle, front hood emblems for sedan and Young. KEN WEGER, 3815 Oak Ridge Rd., Crystal Lake IL 60715 815-236-1650 knsweger@mc.net

WANTED: Subaru 360 van - for my brother in Houston TX. contact ELIJAH ROBERTS elijah_roberts@yahoo.com or 303-781-8064

WANTED: Subard 360 pickup windshield & driver's door.
GERALD MURRAY, PO Box 488, Jamestown KY 42629 gwmurray@duo-county.com

WANTED: For Subaru 360 sedan - good chrome wheel covers, battery box. DARRELL SMITH, 1412 SW 25th St., Blue Springs MO 64015 816-812-1965 darrell@backinthedaymotors.com

WANTED: Subaru 360 pickup in restorable condition. Engine need not run. Have '70 van apart - possible trade. MIKE CHICCONI, 537 Oswego Av., Fresno CA 93722 chicconi@comcast.net

WANTED: Subaru 360 van, preferably running, in/near CA - George Lopez, P O Box 482, Palm Springs CA 92262 760-641-8082 jlopez760@yahoo.com

WANTED: Upper hinge for lift-gate for Subaru 360 van. HECTOR LUGO, 512 E. 145th St. #4D, Bronx NY 10454 646-703-7060 Helenmaisonet@aol.com DEADLINE FOR CLASSIFIED ADS FOR NEXT ISSUE - OCTOBER 15, 2008 - send to ED PARSIL, 2341 S. Gircle X Pl., Tucson AZ 85713 subaru360nut@aol.com

GREAT IN MY SUBARU 360 VAN. It's high quality and extremely easy to install - and it keeps MOST curious I RECEIVED THE WINDSHIELD DECAL FROM DAVE HINTON (SEE PHOTO AND STORY IN 12/07 issue) AND IT LOOKS REALLY onlookers from asking "Is that a Volkswagen?" or "What is it?". I am really happy with it!

TUC500 AZ 85713 t y かの ANNUAL DUES: \$8. Prepay thru 2012 if You like, Send to: ED PARSIL, 2341 S. Circle X Pl., YOUR ADDRESS LABEL INDICATES THE MONTH YOUR DUES EXPIRE ("08" = 10/08) bold ROSTER UPDATE, 7/28/08 — Changes are in boic DEADLINE FOR SEPTEMBER ISSUE (articles, ads, address changes, etc.) 15 OCTOBER 15, 2008 ın are changes 2/28/08

stevensk72@hotmail.com 479-427-2751 520-762-5049 STEVEN KEITH JR., 1103 E. Tahlequah B3L1. Siloam Springs AR 72761 DAVE MARTIN, 11200 Gamino Aurelia, Vail AZ 85641

experimentalscreen@sbcglobal.net 5101 Ithaca Av.#G, PO Box 32445, Los Angeles GA 90032 323-679-5920 4 sed 949-370-4857 10 NOEL FRIAZ,

sed inelson20@comcast.net 619-561-1170 X 501 John@lrstaxhelp.com 707-486-3617 sed jnelson20@comcast.ne Isetta, Vespa daveraab@aol.com 714-669-3119 JOE GANZLER, 99 Palm Beach Ct., Dana Point GA 92629 JOHN LESLIE, 12355 Linroc Dr., Lakeside GA 92040 JIM NELSON, 405 E. D St. #H, Petaluma GA 94952 DAVID RAAB. 12311 Alray Pl., Tustin GA 92780 60

ALBERT & DAYSI ROJAS, 5302 Live Oak View Av., Los Angeles CA ?0041 69 sed crosley52&netzero.com ERIC LIPINSKI, 518 Brookhurst Av. #B, Littleton GO 80129 303-905-5361 70 sed elipinski@comcast.net ERIC LIPINSKI, 518 Brookhurst Av. #B, Littleton GO 80129 303-905-5361 70 sed elipinski@comcast.net ADAM AUGERMANN, 11400 Overseas Hwy. #101, Marathon FL 33050 305-731-0595 69 van conchrealty@aol.com ANGELO & EMMA GAYO, P O Box 1518, Holmes Beach FL 34218 941-685-6269 cayouno1@verizon.net ZEBGOR ING., 2330 S. Stonebrook Dr., Homosassa FL 34448 SIDNEY WATERS, 133 Newton Rd., Fairburn GA 30213 770-964-6810 RALPH LILLIG JR., 2330 Satterfield Dr., Pocatello ID 83201 208-238-2040 60

60

60

60 60

70 custom PJGJKG@aol.com

JOHN GRANT, 38W 417 Foxwood Ln., St. Charles IL 60175 630-240-6323 70 custom PJGJKG@aol.cv JOHN KOMOROUS, Touring Auto Ltd., 1351G Industrial Dr., Itasca IL 60143 630-303-6858 630-773-4008 69 van Touringmetrag@aol.com

REID & NIKI McGUIRE, 3715 Parula Dr., E. Lansing MI 48823 989-909-0915 69 sed reidmcguire@mac.com ROBERT GUMMINGS, 8868 Hamline Av. N., Gircle Pines MN 55014 rwc718@yahoo.com BOB ALPERT, 230 N. Maple Av., B-1 #147, Marlton NJ 08053 *GLUB LOGO* *PARTS* sed balpert@netaxs.com SAMUEL & MARA TIPPETT, 11 Wertsville Rd., Hillsborough NJ 08844 908-369-4657 69 sed artganda@msn.com <u>*</u> ೮

69 sed monetti@cybermesa.com 505-281-1579 60 60

919-467-2884 2 vn 2 sd happyjap@mindspring.com MICHAEL MONETTI, 74 Martinez Rd., Edgewood NM 87015 REX DEFFENBAUGH, 233-L E. Johnson St., Cary NG 27513 60

ANDREW SATURN, 188 W. Weber Rd., Columbus OH 43202 BO WAGNER, WAGNER SUBARU, 217 N. Broad St., Fairborn OH 45324 937-878-2171 70 ac bo@wagnersubaru.com JOHN & LORI GARTER, 4554 SE 105th Av., Portland OR 97266 503-544-6260 69 van amblyopia@gmail.com elukas@subaru.com 503-544-6260 69 van amblyopia@gmail.com 267-625-3499 elukas@subaru.com 70 sed ERIK LUKAS, 8201 Gladstone Rd., Wyndmoor PA 19038 LEONARD THOMPSON, 604 Ave. G, C1SCO TX 76437 60 60

cassemterry@qwestoffice.net TERRY CASSEM, 8324 62nd AV. SW, Lakewood WA 98499 253-584-4742 70 pu cassemterry@qwestoffice.ne KEN FOWLES, P O Box 731, Roslyn WA 98941 509-304-8400 70 sed ken@fowles.com kenf@microsoft.com RICHARD RANCH, 2602 N. Lawrence St., Tacoma WA 98407 253-951-1383 richardranch@yahoo.com van scriberv@yahoo.com DANIEL SCRIBNER, 1278 Houghton Ln., Bennington VT 05201

RON SPENCER, 24 Grove St., Verment, Victoria AUSTRALIA 3133, (03)98731754 2 sd mrgor@connexus.net.au 60