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Onan generator model numbers

READ ONLY! New users can no longer post on this board. Post new threads at: . All other Electrical Boards are available here: . Please include "Onan" in your thread titles to help our readers quickly identify the subject matter. Also, use manufacturer name and model number along with a brief description of your thread title. Check the F.A.Q. on our main generator board: . To find out when your ONAN was built, check the serial number, which includes a build date (MMYYxxxxxxx). Older sets have a letter or dot for the decade, and some machines have a stamped "A" or "B" indicating a repair. Different series of generators used different date coding systems at different times. For Voltage code 15, it's a 12-lead reconnectable set from late 60's to early 70's. Engine type K during the 50's-70's was International Harvester. Here are links to posts about magneciters: and . The primer for decoding Onan GenSet Model Numbers is: aa.a bbbb-cd/eeeeff. An example is 12.5MDJC-3R/9523AA. The codes listed are for Onan generators, and they have different meanings depending on the context. For example, -c indicates voltage code, with options ranging from -1 (120 Vac) to -3U (120/240 Volt). The Genend, which is a combination of the engine type and generator end, has different designations such as YD or Magniciter, determined by the presence of single or double letters in the Spec Code. Users can consult the Onan Forum for more information on decoding these codes. The FAQ section addresses common issues with Onan generators, including starting problems, electrical output, and parts sourcing. It advises users to post their questions and model numbers on the forum, where experts will provide specific advice. Some common issues include faulty spark plugs or injectors, governor malfunctions, and incorrect generator settings. Users are also directed to consult local Cummins/Onan distributors for parts. The codes listed include: * -3C (120/240 Vac 1 Ph 4 wire) * -3U (120/240 Volt 1 Ph 3 Wire PF 1) * -4 (120/208 Vac 3Ph Y) * -4X (480 Vac 3Ph Y) * -5D (120/240 Vac Delta 3Ph w/L1-L2 C-Tapped for L0) * -8 (127/220 Vac 3 Phase 4 wire Wye) * -15 (12 Lead Reconnectable, possibly normal stack size) * -18 (12 Lead Reconnectable, possibly extended stack size) * -53 (120/240Vac 50Hz) * -518 (12 lead 50Hz 12 Lead Reconnectable) * -9x (347/600 Vac 3P Y) * -99x (Special Order, consult data plate) Note: This list of codes may not be exhaustive and is subject to updates based on user input. If you have an Onan Forum account and provide your unit's Model and Serial Numbers, one of the experienced experts can offer specific guidance on your particular generator. I've gathered some frequently asked questions (FAQs) that might be helpful for others, particularly regarding the 6.5 NH-3CR model. Standard Ignition Part # S13-407 is approximately $18.00, and it's worth noting that fuel consumption is a common topic of discussion in the forum. The data provided for a 15.0JC at 60Hz (1800 RPM) shows gasoline consumption rates ranging from 1.0 to 2.4 gallons per hour based on load levels. For natural gas with a heat value of 1000 Btu/cubic foot, it consumes 255 cubic feet/hour at full load, while propane with a heat value of 2500 Btu/cubic foot consumes 110 cubic feet/hour. Other users have contributed their own data for larger units, including one that consumes 400 CF/hr of propane and 1400 cubic feet/hr of natural gas. Onan technicians offer the rule of thumb for diesel fuel consumption: .08 x KW = GPH (gallons per hour). They also recommend washing off contacts with brake clean if new points don't work as expected, letting them evaporate before starting to avoid issues. Additionally, using Champion H10 instead of H8s in Onan generators can improve performance. Several users have contributed their expertise on various topics, including Magneciter gen sets, brush information for J-series units, and an extensive list of Montgomery Wards gensets with Onan generators. New member Dave G. from Florida shares his experience with an old Onan Gen-set model number 15.0 JC-18R/2731AA, serial number E760132774. With only 1600 hours of use since the early 1970s, this unit is in great condition and comes with all necessary documents, including transfer switches, Annunciator panel, manuals, and records from its time at a Nursing Home. Dave plans to convert it to run on propane instead of natural gas for his home's emergency power needs during hurricane season. He asks about the feasibility of this conversion and whether this unit is suitable for his requirements. Someone replied to Dave's post, providing information on his Onan model: "The serial number indicates it was built in May 1976. Since it has been running off natural gas, converting it to propane won't be a big deal." They also advise using a regulator at the tank and another one near the gen-set to drop pressure from 5 psi to 11" WC (water column) for efficient operation. The person thinks this is an excellent genset, one of the best available. You should be able to power your entire house with AC, including the system. Regarding the ATS, please provide the necessary details, such as numbers and photos, so we can discuss how it can be used for your house. Re: Onan Decoding Sequences Thanks Gunny. We're using online resources to obtain decoding sequences. I'll post the transfer switch numbers possibly by tomorrow. I have all the required parts, including the NG line assembly, which is connected to the wall. If you provide a picture of the NG assembly, someone might be able to confirm if we have everything needed. I initially planned on using a large propane storage tank but heard concerns about running these systems from BBQ tanks. Thanks again. Re: Onan Decoding Sequences Gunny, if you have a fax number, please share it so we can send the codes. As an old Onan user, you're familiar with reading the codes. You have a good unit; follow Gunny's advice, and you should face no issues. Thanks to Billy S., Jim R., and Gunny for their help. I found the FAQ link helpful in decoding. To Billy S., my work fax number is dedicated solely for faxing. However, at home, we use our phone line, and I'd need to switch it over to fax mode, which isn't convenient due to my schedule. Re: Onan Decoding Sequences Dave G. They often think projects are "hair-brained" until the power goes out, and you're the only house with AC around. I'm not a pro but have read that JC units are desirable because they're easy to work on and air-cooled, eliminating radiator concerns. Re: Onan Decoding Sequences Dave Edmonds Serial numbers on your Montgomery Ward/Onan W2C generators match standard Onan numbering/dating methods. For the 3000-watt unit (56.293528), this corresponds to a May 1946 manufacturing date. The 2000-watt unit (36.286451) was produced in March 1946. A third unit has no tag but has a number stamped near the governor arm, which matches the tag on the 2 MW units. Re: Onan Decoding Sequences Hi Gunny, Here are the details for your reference: - The smaller transfer box is marked Auto-Trans XE and has the following specifications: Model# LTEU60-4/11291E Serial# H800520435 120/208 3-phase 4-wire 60 AMPS motor L.R. amps 360 60Hz - The larger box is still locked, and we're planning to cut the lock off by Friday if we can't find the key. - The larger box has an Auto-Trans XC label along the left edge with gauges for output, hours, Amps, etc. I was wondering if anyone could help me with something. Since I recently joined this group, I thought it would be good to post about my project and see if anyone has any feedback or advice. My Onan aircooled has a 3 wire start system which is different from the standard 2 wire systems available today. I have two transfer switches that come with the meter package and may also include the full board package as well. The switches are AT, but some people think it might be an OT switch depending on the type of motor. I want to make sure these old panels are functional and don't cause any issues. Some people advise against using the existing 3 wire start system because modern transfer switches can't work with it without modifications, which would be expensive. They recommend replacing them with a manual single phase switch, which is cheaper in the long run. I will take some photos of the interior of the panels and post them here for more comments and suggestions. Do you think anyone out there would be interested in buying these older obsolete panels? Maybe someone could disassemble them to use for parts. I'm not looking to make a profit, just give someone else a good deal on them. Thanks again to Gunny and Billy S. for their advice. I will definitely consider using a more modern manual switch/start system. The alternative is to replace the failed retransfer timer for well over $1000 or find a replacement part costing more than that. This gives an idea of what parts cost for these switches, if they're still available. Senior members are aware of the issue with the panels, which have never failed inspection since new. However, the exact cost of the work is unclear. A user is looking for help identifying their Onan NHC motor's serial number and finding the correct spark plug. The serial number 0753119327 corresponds to a model made in October 1975 in Huntsville Alabama. Another user is trying to date an Onan OTC-1 generator with serial number 12237105, which might be from December 1942. They have the composite service and parts manual for paper models but are looking for a digital version. A third user wants to locate a manual for their Onan 35ek generator with serial number d940541299 spec. 68631c. Dan suggests creating a new thread titled "Manuals wanted for [model]" to find the required documentation. A fourth user is unsure whether their Onan 5.0 GenSet generator runs on gas, propane, or natural gas and has been searching online for answers. They also have a transfer switch model 20216 and a carburetor model Vd60a with serial number 13943. The provided serial number was too short to be helpful. Onan used different formats for serial numbers depending on the production date. Posting pictures would be beneficial in this case. Here are some images I've taken. Since it's difficult to access the back of the generator, I'm unsure if there are any other numbers present. Is there a specific location I should check? Thank you for your response! If more pictures are needed, please let me know. I added some more images and included the Gen/Tran switch. I'm not sure what it is or if it's suitable for this generator. The person I purchased it from seemed trustworthy, but I'd like to verify its authenticity. You have a later model Onan CCK generator with a missing data plate containing the model and serial numbers. The model number starts with 5.0CCK. The square UN generator head indicates that the spec letter is R or later. The carburetor appears to be designed for propane or natural gas, but it's unclear if it was originally intended for gasoline. The absence of the gasoline fuel pump suggests that the generator might have been factory-equipped with a gaseous fuel only system. Some components are missing, including the demand regulator (Garretson), high-pressure regulator, and fuel cutoff solenoid. I recommend downloading some manuals from n0nas/manuals/onan/, particularly the 900-0186 UN generator manual, 927-0220 Parts, and T-015 gaseous Fuels manual. Additionally, consider the following manuals for a slightly older series CCK: 927-0500 service, 927-0310 Owners and parts PM200B Onan engine master service manual. Remove the electrical box cover and take pictures of the wiring diagram printed on the back. Also, remove the band around the generator end and capture images of the brush assembly to determine the output. I'd like to express my gratitude for your time and assistance. I took a few more pictures and found another serial number: ONAN 170-3035. It's challenging to access the back without removing it from the truck, so please let me know if these are the correct images. You're having issues with the generator and data plate. You might be able to find a hidden number on the block below the points box. Be cautious when inspecting the unit, as you don't know its full history. The Gentran transfer switch should work fine if your loads are under 15 amps each. It's unclear whether this is for personal or commercial use, so additional propane regulators will be needed. The data tag may be on the back shield, but it's hard to access. Billy might have a similar sticker on his generator. Pictures show the generator in its current state, with some concerns about cooling air intake and exhaust. It appears to be in a work-in-progress condition, with disconnected wiring and missing propane regulators. Your friend wondered if there's an alternative way to identify it as a propane-run generator. I've acquired it, begun work on the food truck, just completing what he started and aiming to launch for next season. I'm essentially stuck here now as I'm unsure about what to do, and the weather is getting colder by the day. Living in PA has its advantages, though - the nice weather has expanded my window to get this done. Thanks to everyone's input, any advice is greatly appreciated. The pipes include a gas solenoid, zero governor, and an unknown pressure regulator; the other two are probably correct for your application. However, ventilation might be too small for the task, but it could work with doors open. Others will provide better insight. In my opinion, this choice would be suitable for a food truck setup. Working on it inside the truck might make things easier, as everything can be tricky to get running.

Onan generator model number lookup. Onan generator model number location. Onan model. Onan generator phone number.